

APPENDIX D
Environmental Justice

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Environmental Justice Methodology

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APPENDIX D

ENVIRONMENTAL JUSTICE ANALYSIS

This appendix presents an analysis performed by Section of Environmental Analysis (SEA) of the Surface Transportation Board (Board) to assess the potential effects of the proposed Powder River Basin (PRB) Expansion Project on environmental justice communities. The goals of this assessment are to:

- Identify those areas where minority and low-income communities could bear disproportionately high and adverse portions of the overall project impacts.
- Identify and assess appropriate mitigation measures for those environmental justice communities determined to have the potential to experience disproportionately high and adverse impacts.

D.1 BACKGROUND INFORMATION

In February 1994, President Clinton issued Executive Order No. 12898, “Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations.” This Order urges Federal agencies to make environmental justice part of their mission. The Order requires Federal Executive Branch agencies, and requests independent agencies, to conform to existing laws to ensure that their actions:

- Do not discriminate on the basis of race, color, or national origin.
- Identify and address the “disproportionately high and adverse human health or environmental effects” of their actions on minority and low-income populations.
- Provide opportunities for community input in the National Environmental Policy Act (NEPA) process, including input on potential effects and mitigation measures.

Although the Board is not a Federal Executive Branch agency, SEA conducted an environmental justice analysis because:

- The President requested agencies to comply with the Order (see Section 6-604 of the Order), particularly during the NEPA process.
- The U.S. Department of Transportation (DOT) Order, Council on Environmental Quality (CEQ), and U.S. Environmental Protection Agency (EPA) guidance emphasize addressing environmental justice concerns in the NEPA context.

- The Board is responsible for ensuring that this proposed transaction is consistent with the public interest.

In the context of the proposed PRB Expansion Project, SEA determined that the Executive Order, Federal agency guidance, and public interest warranted addressing:

- Whether the proposed project would have disproportionate high and adverse impacts on minority and low-income communities, and if so,
- Whether disproportionately high and adverse impacts could be eliminated or mitigated with reasonable and feasible mitigation measures, and
- Whether it is appropriate to modify recommended mitigation measures to meet the needs of a disproportionately affected minority or low-income population.

D.2 SUMMARY OF ENVIRONMENTAL JUSTICE ANALYSIS METHODOLOGY

To evaluate the potential for disproportionately high and adverse impacts from the proposed project on environmental justice communities, SEA used a methodology based partly on the ones it employed in the recent Conrail Acquisition¹ and the CN/IC Acquisition.² To develop these methodologies, SEA examined relevant documents from other Federal agencies, including the following:

- Executive Order 12898, “Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations,” February 11, 1994, 59 Federal Register at 7630.
- U.S. Department of Transportation’s Order “To Address Environmental Justice in Minority Populations and Low-Income Populations,” February 3, 1997.

¹ Surface Transportation Board, Conrail Acquisition, Finance Docket Number 33388, Final Environmental Impact Statement, Appendix M, “Cumulative Impacts Methods and Analysis,” 1998, provides a complete description of the methods used in environmental justice evaluation of the Conrail Acquisition.

² Surface Transportation Board, CN/IC Acquisition, Finance Docket Number 33556, Final Environmental Assessment, Appendix L, “Environmental Justice Analysis Methods and Results,” 1998, provides a complete description of the methods used in environmental justice evaluation of the CN/IC Acquisition.

- U.S. Environmental Protection Agency, “Interim Final Guidance for Incorporating Environmental Justice Concerns in EPA’s NEPA Compliance Analysis, Office of Federal Activities,” September 30, 1997.
- Council on Environmental Quality, “Environmental Justice: Guidance Under the National Environmental Policy Act,” Executive Office of the President, December, 1997.
- U.S. Environmental Protection Agency, “Interim Guidance for Investigating Title VI Administrative Complaints Challenging Permits,” February, 1998.

SEA’s previously employed methodologies and the other noted relevant documents provided SEA guidance on how to approach the evaluation of project effects to environmental justice communities. However, the PRB Expansion Project, while containing some similarities, presented unique challenges and circumstances not encountered by SEA in its previous acquisition cases.

In each of these proposals, impacts to environmental justice communities would primarily result from changes to the natural or human environment due to an increase in rail traffic. In previous acquisition cases, increases in rail traffic resulted primarily in increases in noise levels, air emissions, traffic delays, and transportation of hazardous materials along specific sections of rail line and reductions in safety at grade crossings. SEA evaluated each of these impact areas to determine (1) if these changes would result in significant impacts, (2) if significant impacts would occur to environmental justice communities, and (3) if impacts to environmental justice communities would be disproportionately high and adverse. In these rail acquisitions, this analysis was conducted on a system wide basis, with SEA examining every rail line segment³ anticipated to experience an increase in rail traffic that would exceed the Board’s thresholds presented in 49 CFR 1105.7. When significant impacts to environmental justice communities were identified, including any disproportionate impacts, rail traffic could often be rerouted to avoid the segments where these impacts were determined. This would reduce the level of rail traffic, and thus the level of impact along those segments, often without significantly impacting the segments identified for rerouting.

³ A rail line segment represents a section of rail line between route decision points. That is, a section of rail line upon which a train cannot be rerouted. A segment begins at the point where trains from two or more sections of rail line could be routed or switched over a consecutive section of rail line. This rail line could be a continuation of one of the section of rail line connecting to it or a new section of rail line. The segment ends at the point where a train could continue to be routed over the same line or be switched onto another rail line.

The PRB Expansion Project presents the potential for environmental justice communities to be disproportionately impacted through both new rail line construction and increases in rail traffic. While alternatives exist for new rail line construction and reconstruction of short sections of DM&E's existing rail line, as discussed in Chapter 2, no such alternatives for routing of rail traffic exist for the majority of DM&E's existing rail line, which would be rebuilt and experience increases in rail traffic as a result of this proposal. This means that since the increase in rail traffic would originate at the western end of DM&E's main line, travel to the eastern end of the rail line, and then return to the western end of the rail line, all areas of the existing rail line would experience the same increase in rail traffic and no alternatives for rerouting this traffic are currently available⁴. While this limited SEA's analysis to only one section of rail line, having the same level of rail traffic along the entire rail line challenged SEA to develop a means to differentiate impacts to communities along the rail line, both for purposes of determining if significant impacts would occur and whether disproportionately high and adverse impacts would be borne by environmental justice communities. The following sections describe SEA's methodology developed and used for this proposal.

D.2.1 Methodology to Determine Environmental Justice Communities

The first step in SEA's evaluation was to identify any environmental justice communities potentially affected by the proposed project. In order to do this, SEA determined:

- the minority and low income population of each potentially affected area, and
- the geographic areas where these potential effects were likely to occur.

SEA began by defining the geographic areas where the potential effects could occur along the proposed new rail line and existing rail line within the project area. These areas were determined to be the "area of potential effect."

⁴ DM&E indicated in its Application that several points of interchange with other rail carriers occur along its existing system and that these would likely provide opportunities to route unit coal trains to their destinations. These interchanges would reduce the level of rail traffic on DM&E's existing system east of the interchange point. However, because these interchanges are dependent on DM&E's success at acquiring contracts with specific coal users which cannot be determined at this time, any level of interchange is speculative. Therefore, SEA, as discussed in Chapter 3, Section 3.2, evaluated the effects of DM&E transporting up to 100 MNT over its entire main line, from Wall, South Dakota, eastward to the points where it could interchange traffic with other rail carriers in Winona, Minnesota.

Neither the Executive Order, draft CEQ guidelines, draft EPA guidelines, nor the DOT order define how to select the “area of potential effect.” Therefore, SEA reviewed the results of its impact analysis to determine an area that would offer a reasonable, practical, and uniform area to apply the varied impacts associated with the proposed project (increased noise, traffic congestion, water quality impacts, etc.) that could affect environmental justice communities. SEA found that the noise contour for the 65 dBA L_{dn} noise level resulting from horn soundings for the number of trains anticipated at the 100 million net ton level of annual coal transportation (34 coal trains daily, 3 other trains daily for a total of 37 trains daily) would be approximately 2,230 feet from each side of the rail line, a total distance of 4,460 feet. SEA determined this distance would represent the maximum area within which significant project impacts could potentially occur to environmental justice communities. This distance also represented a uniform distance which could easily be applied to all aspects of the project, new rail line construction, as well as reconstruction of existing rail line. Additionally, the contour for horn-soundings at 65 dBA L_{dn} for 37 trains daily represented a conservative approach that likely overestimates the area of effect and is thus more inclusive of potentially affected populations. Therefore, SEA used this distance as the area of potential effect within which to identify the presence of potential environmental justice communities.

In order to identify potential environmental justice communities, SEA collected U.S. Census data for the counties within which the proposed project would occur.

For purposes of environmental justice evaluation, SEA considered communities to be those assemblages of persons living within individual subdivisions, neighborhoods, or similar types of areas that comprise the many individual components of a larger town, city, or county. In many cases, these communities may occupy a small geographic area. SEA determined the U.S. Census block group level to be the appropriate level at which to evaluate potential environmental justice communities. Block groups are small, statistical subdivisions of census tracts. Block group level information allowed SEA to better understand the income and racial characteristics of the people living within the area of potential effect. Therefore, SEA obtained U.S. Census data at both the county level and the census block group level. These data included:

- total population,
- total minority population, SEA defined a “minority” person to be someone who is Black (non-Hispanic), Hispanic, Asian American, American Indian, Alaskan Native, or other non-Caucasian individuals, and

- total low-income population, SEA defined a “low income” person as one whose per capita income was \$6,418 or less or whose median income was \$12,674, or less, based on U.S. Department of Health and Human Services guidelines.⁵

Due to the need for a comparison of equivalent data for each county and census block group, SEA obtained U.S. Census data for the same time period for each of the counties and census block groups. This required SEA to use the available 1990 U.S. Census data for its analysis.

Following acquisition of census data for all counties and census block groups within the area of potential effect, SEA calculated:

- percentage of minority population for each county,
- percentage of minority population for each census block group,
- percentage of low-income population for each county, and
- percentage of low-income population for each census block group.

County averages were considered to be “norms.” The term “norm” is used to indicate an average, median, or ratio established by a government agency or a general statistical computation that may be used as a standard of comparison between two populations with regard to racial diversity or income status. Income norms are set by federal government agencies such as the Department of Health and Human Services. Racial diversity norms are developed using census block data to calculate racial percentages for areas of concern.

SEA used the norms established for the project counties for comparison to percentages calculated for minority and low-income populations for each census block group within the area of potential effect to determine if the census block group could potentially be considered an environmental justice community. SEA’s criteria to determine if a census block group is an environmental justice community are:

⁵ The proposed project would involve the three states of Minnesota, South Dakota, and Wyoming. These states lie within the different administrative boundaries for regional offices of the Environmental Protection Agency, Minnesota in Region 5, and South Dakota and Wyoming in Region 8. Consultation with these regions indicated differences in the definition of “low-income.” Region 8 considers the poverty level to be the threshold for low-income status. Region 5, however, indicated they would consider some level above the poverty level as the threshold for low-income status due to individuals at some level above the poverty level likely to be experiencing financial difficulty. However, as Region 5 provided no guidance on what level it would consider low-income, Region 8 and SEA (in previous cases) used the poverty level as the threshold, the poverty level was used for this analysis as the threshold for low-income status.

- At least one-half of the census block group population is of minority status.
- At least one-half of the census block group population is of low-income status.
- The percentage of the minority population within the census block group is at least 10 percentage points higher than the percentage of minority population for the entire county in which the census block group is located.
- The percentage of low-income population within the census block group is at least 10 percentage points higher than for the percentage of low-income population for the entire county in which the census block group is located.

Tables D-1 through D-3 (at the end of this appendix) provide the results of SEA's analysis to identify potential environmental justice communities. Tables D-4 through D-6 (at the end of this appendix) identify the project alternatives and communities with which each environmental justice census block group is associated.

D.2.2 Environmental Justice Impact Analysis

As noted previously, the proposed project involves both new rail line construction, for which alternatives are proposed, and reconstruction of existing rail line, for which alternatives are proposed for only a small portion of the total amount of existing rail line to be reconstructed. Under the Interstate Commerce Commission Termination Act of 1995, Pub. L. No. 104-88 (ICCTA), the Board has the authority to license new rail lines accessing new markets. Railroads are not required to seek the Board's authority to rehabilitate their existing systems. Only rail constructions that would permit a railroad to access new shippers in new markets must be licensed by the Board. However, the Board's regulations at 49 CFR 1105.7(e)(11) require analysis of the down-line operational impacts of increases in rail traffic resulting from construction of new rail line facilities, provided the Board's thresholds at 49 CFR 1105.7 are met. Because these thresholds would be met by the proposed project, SEA conducted a detailed analysis to determine the potential down-line impacts to noise, air, safety, and transportation that could result from the proposed increases in rail traffic contemplated as part of the Powder River Basin (PRB) Expansion Project that could occur to environmental justice communities.

In addition to its Application pending before the Board, DM&E is or will be seeking various other permits and approvals from the Federal cooperating agencies participating in this Draft EIS. One of these agencies, the U.S. Army Corps of Engineers (COE), will consider an application from DM&E to dredge and fill waters of the United States and adjacent wetlands as part of the reconstruction of existing rail infrastructure. As explained in the Final Scope, served

March 10, 1999, COE requires that this Draft EIS assess the potential environmental impacts from activities associated with DM&E upgrading or rehabilitating its existing system. COE may use this Draft EIS as supporting information for its permitting decisions and compliance with NEPA. Normally, the Board would not examine these impacts. However, in order to prepare a document that satisfies the regulatory requirements of all the cooperating agencies, these impacts have been included in this Draft EIS. Therefore, SEA also considered the potential impacts to environmental justice communities associated with impacts to natural and human resources due to reconstruction of the existing rail line.

SEA evaluated the potential impacts to a wide variety of natural and human resources that could result from construction and operation of new rail facilities extending DM&E's existing system into the Powder River Basin. This analysis also included an evaluation of the potential impacts to environmental justice communities.

D.2.3 Environmental Justice Analysis - Existing Rail Line Reconstruction

SEA evaluated the potential environmental impacts to natural and human resources anticipated to occur due to reconstruction and operation of the existing DM&E rail line. SEA would not normally conduct an analysis of construction related impacts. However, as discussed above, these impacts were evaluated as part of this project to satisfy the requirements of the cooperating agencies. Following completion of its analysis of the potential impacts to the human and natural resources along the existing rail line, SEA determined significant impacts could result to environmental justice communities from the proposed project in the areas of noise and grade crossing safety. SEA concluded that impacts in these areas would most likely be disproportionately borne by environmental justice communities. SEA therefore conducted an evaluation of these environmental resource areas to determine if any environmental justice communities would be disproportionately impacted by increases in noise or decreases in grade crossing safety. SEA's approach to this evaluation for each of these resources is discussed in the following sections.

D.2.4 Methodology to Determine Disproportionate Impacts - Noise

SEA determined that the proposed increases in rail traffic along the existing DM&E rail line would result in significant increase in noise levels. SEA therefore, evaluated the communities located within the 2,230-foot area of potential effect. SEA utilized the following methods to determine whether or not environmental justice communities, identified within the area of potential effect, would be disproportionately impacted by the project.

SEA considered a noise level in excess of 65 dBA L_{dn} to constitute a "high" and

“adverse” effect to sensitive noise receptors. In conducting its analysis, SEA identified those sensitive noise receptors that would experience an increase in noise levels to a level exceeding 65 dBA L_{dn} . SEA found that such an increase could result from increased train wayside noise or increased horn soundings. However, SEA also recognized that many sensitive noise receptors experiencing noise levels greater than 65 dBA L_{dn} due to wayside noise would also be exposed to further increases in noise levels due to horn soundings. SEA considered these sensitive noise receptors to be severely impacted by the proposed project and associated increases in noise levels. Because the goal of Executive Order No. 12898 is to determine if environmental justice communities experience disproportionately “high and adverse” effects, SEA based its evaluation of potentially disproportionate noise impacts to environmental justice communities on those sensitive noise receptors that would experience noise levels greater than 65 dBA L_{dn} due to wayside noise or were located within an area (contour) that would experience noise levels greater than 65 dBA L_{dn} due to horn soundings.

In order to determine if environmental justice communities would be disproportionately affected by noise impacts, SEA determined the number of sensitive noise receptors within each census block group within the area of potential affect that would be exposed to noise levels greater than 65 dBA L_{dn} due to both wayside and horn noise. Sensitive noise receptors currently expected to experience such noise levels were identified and counted. SEA also identified and counted those additional sensitive noise receptors within each census block group expected to experience noise levels greater than 65 dBA L_{dn} due to both wayside and horn noise at the three evaluated levels of annual rail operation, 20 million net tons, 50 million net tons, and 100 million net tons.

SEA determined a total number of noise receptors that would be considered severely impacted by rail noise and the projected noise receptors that would be severely affected at each level of increased annual rail operation for all the census block groups within the area of potential effect. SEA compared the number of existing sensitive noise receptors with the projected number of sensitive noise receptors and developed a percent increase in the number of sensitive noise receptors, for the entire county and for each individual census block group identified as a potential environmental justice community at each level of operation, that would experience severe noise impacts. The percentage increase of sensitive noise receptors at each level of rail operation was compared to the percentage increase for the county as a whole. If the increase for the county was greater than the increase for the environmental justice census block group, SEA determined the environmental justice community within that census block group would not be disproportionately impacted. If the percentage increase for the environmental justice census block group was greater than the percentage increase for the county at any level of future rail line operation, the environmental justice community within the census block evaluated

was considered to potentially be disproportionately impacted by increases in noise. Table D-7 (at the end of this appendix) provides those environmental justice census blocks identified by SEA to potentially be disproportionately impacted by increases in noise levels.

D.2.5 Methodology to Determine Disproportionate Impacts - Safety

SEA considers safety to be of paramount importance. Therefore, SEA conducted a detailed analysis of the proposed project's impacts on grade crossing safety. This analysis consisted of SEA calculating the accident frequency of a grade crossing under the existing condition and comparing it to the accident frequency calculated for the same crossing under the three levels of future rail traffic being evaluated, as discussed in detail in Appendix H. Those grade crossings determined to have an increase in predicted accident frequency under one or more of the evaluated levels of rail traffic were evaluated based on significance criteria established by SEA. These significance criteria are explained in Appendix H. SEA evaluated all grade crossings predicted to have a significant increase in accident frequency to determine if the reductions in grade crossing safety at each of these crossings would result in disproportionate impacts to environmental justice communities.

Any grade crossing determined to have a significant increase in accident frequency at any level of proposed future rail operations was considered by SEA to be a high and adverse impact to safety. After identifying roadways with grade crossings at which accident frequency would be significantly increased, SEA identified all the census block groups through which those roadways having significantly impacted grade crossings either (1) pass or (2) form a boundary. Those census block groups meeting the criteria within 2,230 feet of the crossing were considered for environmental justice analysis. SEA determined that residents living in census block groups within this distance (2,230 feet or approximately 0.4 mile) would be those most likely to use the affected grade crossing on a regular basis. Residents in these census block groups would be in close proximity to the crossing, therefore, they are likely to experience a greater inconvenience when traveling to another location located across the rail line. Fewer routes without impacted grade crossings that would not result in longer travel times would be available to these residents. Therefore, the residents of these census block groups would be likely to continue to use the impacted grade crossings as a matter of convenience even after an increase in rail traffic.

Once significantly impacted grade crossings and potentially affected census block groups were identified, SEA reviewed the results of its minority and low-income analysis to determine if any of the affected census block groups were environmental justice communities. In most cases, no census block groups identified as environmental justice communities were affected by a specific grade crossing calculated to experience a significant increase in accident frequency.

However, some roadways with significantly impacted grade crossings would be located within or form the boundary of census block groups classified as environmental justice.

When an environmental justice community was identified to be potentially affected by a significant reduction in grade crossing safety, SEA determined whether the census block was classified as environmental justice due to its low income or minority population, or both. Whichever population component lead to the environmental justice classification, SEA compared the percentage of the environmental justice community (minority, low income, or both) within the census block group to the total environmental justice population (minority, low income, or both) for all the census block groups within the county affected by the particular grade crossing. Thus, SEA compared the percentage of minority population within the environmental justice census block group with the total percentage of minority population within all the census block groups affected by the grade crossing being considered. If the environmental justice community had a higher minority percentage, project impacts to safety would be determined disproportionately borne by the environmental justice community. If the percentage of minority for all the census block groups potentially affected was greater, no disproportionate impacts to minorities were determined. The same comparison was completed for census block groups identified as low-income. If a census block group was classified as both minority and low-income, it was evaluated by both comparisons to determine which component of the census block group was impacted disproportionately. Table D-8 (at the end of this appendix) presents the results of SEA's analysis.

D.2.6 Methodology to Determine Disproportionate Impacts to Environmental Justice Communities Affected by Multiple Impacts

Some environmental justice communities, as identified by census block groups, may be adversely, but not disproportionately affected by a single impact, such as noise or safety. However, the combination of noise and safety may result in disproportionate impacts to environmental justice communities, particularly if these are the only communities subjected to significant impacts in multiple areas. Therefore, SEA evaluated environmental justice census block groups with multiple impacts to determine if any of these communities would be disproportionately impacted by the overall project.

An environmental justice census block group that was determined not to be disproportionately affected by any single type of impact, such as increased noise, reduced safety, or reduced traffic flow, was analyzed to determine if it would be significantly affected by more than one impact category. SEA determined significant impacts along the existing rail line resulting from the proposed project would include noise and grade crossing safety. SEA

examined environmental census block groups to identify those affected by both of these impacts. To determine if disproportionate impacts would potentially occur to these census block groups, SEA first weighted the environmental justice portion of the census block group by multiplying its population by the number of significant impacts affecting the population. For example, if an environmental justice census block is affected by two impacts (i.e. noise and safety) SEA multiplied the census block groups' total population by two, and then multiplied its minority population by two (If it were affected by three impacts, each population would have been multiplied by three, etc.). The percentage of minority populations, for all the census block groups in that county that were potentially affected by the proposed project, was then recalculated using the weighted total of the minority populations affected by multiple resources. If the recalculated percentage of the minority population, using the weighted environmental justice census block group population, was higher than the original percentage of minority populations for all the census blocks groups in the county, the project impacts would be determined disproportionately borne by the environmental justice community. The same comparison would be completed for census block groups identified as low-income. If a census block group is classified as both minority and low-income, it would be evaluated by both comparisons to determine which component of the census block would be impacted disproportionately.

SEA identified no environmental justice census blocks that would be significantly impacted by multiple resources that weren't also disproportionately impacted by a single resource. Therefore, SEA was not required to evaluate environmental justice census block groups for disproportionate impacts resulting from more than one resource.

D.2.7 Environmental Justice Analysis - New Rail Line Construction

In evaluating the potential project impacts to environmental justice communities, SEA conducted two types of analysis. The first type of analysis was simply a comparison of the number of census block groups classified as environmental justice that would be potentially affected by the construction and operation of new rail line. This analysis consisted of identifying the number of environmental justice census blocks through which each alternative for new rail line construction would pass. For this analysis, SEA considered an alternative that would pass through a greater number of environmental justice census blocks as having greater potential impact to environmental justice communities than an alternative passing through fewer such communities. In instances where alternatives for new rail line construction would use existing rail line or follow existing rail line corridors, such as for Alternative D or the various proposed bypass alternatives, SEA considered any environmental justice communities along the existing rail line or rail lines in the total number of potentially affected environmental justice communities. While SEA did not identify any environmental justice communities that would be

crossed by alternatives involving new rail line construction along new rail line alignment, SEA did determine that several environmental justice communities were located along portions of new construction alternatives that would use existing rail line or follow existing rail line corridors.

SEA identified environmental justice communities along new construction alternatives that use portions of existing rail line or follow existing rail line corridors. SEA evaluated each of these communities to determine if they would experience disproportionate impacts due to any of the significant impacts identified to result from the new construction alternatives. SEA determined that due to the location of environmental justice communities in towns and cities through which existing rail corridors pass, they could experience significant impacts from increased noise levels and increased accident frequency at grade crossings. These environmental justice communities were located along existing rail lines which would either require reconstruction of the existing rail line or construction of new rail line adjacent to the existing rail line resulting in potential impacts to noise and grade crossing safety. SEA conducted its evaluation for disproportionate impacts to environmental justice communities in the same manner as discussed above for existing rail line reconstruction. If after conducting its analysis SEA determined disproportionate impacts would occur to environmental justice communities, SEA identified these impacts in its discussion of the anticipated impacts of each new construction alternative.

D.2.8 Development of Mitigation Measures for Environmental Justice Communities

SEA has identified the following communities as containing environmental justice populations where disproportionately high and adverse impacts would occur as a result of the proposed Powder River Basin Expansion Project:

- Rochester, Minnesota, along the existing DM&E rail line.
- Mankato, Minnesota, along the existing DM&E rail line.
- Owatonna, Minnesota, along the existing DM&E rail line.
- Brooking, South Dakota, along the existing DM&E rail line.
- Pierre, South Dakota, along the existing DM&E rail line.
- Wall, South Dakota, along the existing DM&E rail line portion of Extension Alternative D.
- Rapid City, South Dakota, along the existing DM&E rail line portion of Extension Alternative D.

SEA identified that, without mitigation, the proposed project would result in significant noise and highway/rail crossing safety impacts to this community. SEA tailored outreach efforts to ensure that the affected community was informed of the proposed project and provided the

environmental justice community with a meaningful opportunity to participate in the environmental review process of the Draft Environmental Impact Statement (EIS). This effort supplemented the extensive public outreach and scoping already undertaken by SEA as described in Chapter 1 of this Draft EIS. This additional outreach was intended to:

- seek widespread notice and dissemination of SEA's environmental analysis for the project,
- provide additional opportunities for environmental justice communities to provide input to the NEPA process,
- solicit information about cumulative effects in minority and low-income communities, and
- allow minority and low-income communities to comment on appropriate mitigation measures.

Detailed public outreach plans have been developed and implemented for each community for which a potential environmental justice effect has been identified. These outreach plans are included at the end of this Appendix.

When reviewing the results of its analysis to identify potential environmental justice communities, SEA noted that the majority of the environmental justice communities are located along the existing DM&E rail line and within the larger towns. Although one or more of the identified environmental justice communities within these towns were often determined to be disproportionately impacted, others were determined to experience significant impacts from increased noise levels, however not disproportionately impacted. Because SEA was developing outreach plans for disproportionately impacted environmental justice communities within a particular towns, it was reasonable and practical to develop these outreach plans for the entire town, including all the environmental justice communities, even those not disproportionately impacted.

SEA also recognized that many Native American Tribes have ties to the proposed project area. The traditions and beliefs of these Tribes are often deeply linked to the project area due to this area being the historic home of many of the Tribes inhabiting the Great Plains and Midwest. As such, many Tribes are interested and concerned about the impacts to these traditional areas. Many of these Tribes have participated with SEA throughout the development of this Draft EIS and provided input as to the important issues and concerns of the Tribes regarding the potential

impacts of this project. Interested Native American Tribes also worked with SEA to develop a Memorandum of Agreement to provide for substantive participation of Tribes throughout the project.

Throughout the project area, Native Americans live primarily within the numerous Reservations. Because these Reservations do not adjoin the existing rail line and are not crossed by any new construction alternatives, Native American communities were not initially identified as within the area of potential effect for environmental justice concern, nor were they determined to experience significant impacts from the proposed project. However, SEA determined that due to the traditional ties of Native Americans to the project area and their concern for the impacts of the project on the natural resources of the area, it was appropriate to include those Tribes in its outreach efforts for the project. Therefore, public outreach plans were developed for each Native American Tribe that expressed interest or concern regarding the proposed project. These outreach plans are included at the end of this Appendix.

SEA determined that significant impacts, although not always disproportionate, would occur to environmental justice communities. These impacts would be in the areas of noise and highway/rail grade crossing safety. SEA has determined that increases in rail noise are difficult to mitigate. Additionally, SEA recognizes that mitigation measures implemented for noise impacts are not always practical or successful. Therefore, as part of this Draft EIS, SEA is requesting comments from environmental justice communities on alternatives or mitigation measures that could reduce the impacts of increased noise levels resulting from the proposed project. Concerning safety, SEA believes that development of a plan, implementing appropriate improvements to grade crossing safety between DM&E, the Federal Railroad Administration (FRA), the appropriate State Departments of Transportation, and interested communities, would provide mitigation for significant reductions in grade crossing safety, including safety at grade crossings affecting environmental justice communities. However, SEA is also requesting comments from environmental justice communities predicted to be affected by significant reductions in safety at individual grade crossings concerning alternatives or mitigation measures that could increase grade crossing safety. SEA encourages these communities to become involved with the development of the plan for each identified grade crossing in order to provide input into the process and ensure their concerns are addressed.

As part of the environmental review process for this project, SEA requested public input on:

- whether there is a disproportionate impact on any minority or low-income community,

- the propriety of mitigation measures to reduce or avoid any disproportionate impact, and
- additional alternatives and mitigation measures to reduce or avoid any disproportionate impact.

SEA also seeks input on benefits, costs, practicality, and disadvantages (including adverse social, economic, environmental, or human health impacts) of any such alternatives or mitigation

measures. Mitigation for significant environmental justice impacts could consist of strategies and measures identified for specific resource impacts.

Additionally, mitigation strategies for environmental justice communities could include development of independently negotiated mitigation agreements between the individual community or assemblage of environmental justice communities within a town or county and DM&E. SEA encourages the development of such agreements as they can often provide mitigation benefits beyond those within the authority of the Board to impose.

Following receipt of comments from environmental justice communities and Native American Tribes concerning mitigation for potential project impacts, SEA will consider and develop appropriate measures to reduce or minimize significant impacts to these communities. These mitigation measures will be included in the Final EIS for this project and as appropriate, may be recommended to the Board as mitigation that could be imposed as part of project approval.

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Table D-1 Minnesota Census Block Groups Affected by the Proposed Project											
County	Tract	Block Group	Total Population	Minority Population	Minority Percentage	Low Income Population	Low Income Percentage	At Least 50% Minority ¹	Minority 10% Rule ²	At Least 50% Poverty ³	Poverty 10% Rule ⁴
Winona	9710	4	939	105	0.1	92	9.8				
	9710	5	717	71	9.9	101	14.1				
	9703	4	741	13	1.8	436	58.8			X	
	9704	6	679	30	4.4	60	8.8				
	9704	5	803	0	0	56	6.9				
	9704	2	728	19	2.6	139	19.1				
	9705	2	941	36	3.8	355	37.7				X
	9705	1	617	31	5	185	29.9				X
	9705	3	729	48	6.6	316	43.3				X
	9702	1	250	14	5.6	19	7.6				
	9710	3	1099	51	4.6	67	6.1				
	9710	2	1015	5	0.5	127	12.5				
	9703	2	848	34	4	114	13.4				
	9701	6	2338	65	2.8	179	7.7				
	9701	5	582	0	0	64	10.9				
	9704	3	741	16	2.2	128	17.3				
	9702	2	1398	18	1.3	110	7.9				
9702	3	1204	0	0	45	3.7					
9709	2	1357	4	0.3	95	7					
9709	1	1481	18	1.2	238	16.1					
9704	4	1154	6	0.5	197	17.1					
9701	4	1102	4	0.4	23	2.1					
Winona County Total:			48184	1235	2.6	5621	11.7				

**Table D-1
Minnesota Census Block Groups Affected by the Proposed Project**

County	Tract	Block Group	Total Population	Minority Population	Minority Percentage	Low Income Population	Low Income Percentage	At Least 50% Minority ¹	Minority 10% Rule ²	At Least 50% Poverty ³	Poverty 10% Rule ⁴
Olmsted	8	9	998	449	44.9	7	0.7		X		
	6	1	921	25	2.7	95	10.3				
	6	4	2168	110	5.1	219	10.1				
	5	2	1191	46	3.8	140	11.7				
	5	1	1132	251	22.2	253	22.3		X		X
	5	3	1185	122	10.2	293	24.7				X
	13	2	298	53	17.7	121	4		X		
	1	2	446	60	13.4	154	34.5				X
	3	1	718	144	20	51	7.1		X		
	1	1	727	0	0	145	19.9				X
	2	2	1633	220	13.4	261	15.9				
	2	3	760	0	0	49	6.4				
	2	5	1082	28	3.1	244	22.5				X
	22	1	878	6	0.7	42	4.8				
	22	2	1001	2	0.2	85	8.5				
	21	1	985	25	2.5	74	7.5				
	22	4	701	6	0.9	32	4.6				
	22	3	740	4	0.5	37	5				
	12	4	1538	5	0.3	57	3.7				
	9	9	943	10	1.1	9	0.9				
	20	1	1159	1	0.1	77	6.6				
	7	1	2470	59	2.4	71	2.9				
	13	1	3792	143	3.8	56	1.5				
	6	2	653	181	27.7	67	10.3		X		
	2	4	1156	309	26.7	309	26.7		X		X
	6	3	1118	49	4.4	0	0				
	7	2	773	31	4	113	14.6				
	7	3	753	24	3.2	58	7.7				
	7	1	2470	59	2.4	66	2.7				
	2	1	793	21	2.6	113	14.2				
	18	2	1387	30	2.1	39	2.8				
	14	2	1671	24	1.4	50	2.9				
9	8	1234	16	1.3	85	6.9					
9	1	312	0	0	10	3.2					
20	4	1558	13	0.8	116	7.4					
20	3	1074	2	0.2	70	6.5					
19	6	611	0	0	18	2.9					
14	3	63	0	0	0	0					
Olmsted County Total:			107314	5184	4.8	7214	6.7				

**Table D-1
Minnesota Census Block Groups Affected by the Proposed Project**

County	Tract	Block Group	Total Population	Minority Population	Minority Percentage	Low Income Population	Low Income Percentage	At Least 50% Minority ¹	Minority 10% Rule ²	At Least 50% Poverty ³	Poverty 10% Rule ⁴
Steele	9602	3	1878	167	8.9	84	4.5				
	9603	6	1026	16	1.6	38	3.7				
	9604	4	605	110	18.1	79	13		X		X
	9607	5	1091	34	3.1	17	1.6				
	9607	7	1114	5	0.4	18	1.6				
	9604	3	1386	70	5	16	1.2				
	9604	1	638	29	4.5	106	16.6				X
	9602	4	982	80	8.1	54	5.5				
	9604	2	1216	99	8.1	212	17.4				X
	9605	5	1296	4	0.3	69	5.3				
9601	3	998	2	0.2	55	5.5					
Steele County Total:			31355	1369	4.4	2023	6.5				
Blue Earth	9707	5	991	77	7.8	460	48.6				X
	9703	1	1308	71	5.4	489	37.3				X
	9706	1	872	39	4.5	218	25				
	9708	1	1076	41	3.8	144	14.5				
	9702	3	1145	24	2.1	83	7.2				
	9709	3	1432	52	3.6	139	9.7				
	9713	8	1051	8	0.8	73	6.9				X
	9712	6	1729	112	6.5	618	35.7				
	9713	7	1121	0	0	83	7.4				
	9702	5	1036	7	0.7	106	10.2				
	9708	4	2216	53	2.4	85	3.8				
	9708	3	996	5	0.5	50	5				X
	9707	6	1346	90	6.7	355	26.4				X
	9707	4	734	6	0.8	260	35.4				X
	9706	3	997	134	13.4	130	13		X		
	9703	3	1160	123	10.6	161	13.8				
	9806	4	941	36	3.8	60	6.4				
	9701	2	1181	23	1.9	123	10.4				
	9706	2	689	10	1.5	205	29.8				
	9701	3	1727	12	0.7	200	11.6				X
9709	4	938	5	0.5	101	10.8					
9709	5	832	3	0.4	93	11.2					
9703	2	1008	0	0	91	9					
9708	2	620	0	0	33	5.3					
9702	4	303	0	0	1	0.3					
Blue Earth County Total:			54570	1839	3.4	9073	16.6				
Nicollet	9805	4	643	11	1.7	0	0				
	9806	1	1217	25	2	156	12.8				
	9802	3	1200	5	0.4	71	5.9				
	9805	3	2567	17	0.7	121	4.7				
Nicollet County Total:			28314	610	2.2	2257	8				

Table D-1 Minnesota Census Block Groups Affected by the Proposed Project												
County	Tract	Block Group	Total Population	Minority Population	Minority Percentage	Low Income Population	Low Income Percentage	At Least 50% Minority ¹	Minority 10% Rule ²	At Least 50% Poverty ³	Poverty 10% Rule ⁴	
Brown	9604	3	1047	3	0.3	73	6.9					
	9601	1	857	5	0.6	111	12.9					
	9606	4	820	8	0.9	67	8.2					
	9605	3	820	14	1.7	36	4.4					
	9604	5	1226	9	0.7	91	7.4					
	9607	3	1134	0	0	49	4.3					
	9603	4	741	47	6.3	87	11.7					
	9603	1	1073	0	0	140	13					
	9603	3	830	25	3	32	3.9					
	9602	4	914	0	0	83	9.1					
	9602	2	994	10	1	33	3.3					
	9602	1	835	9	1.1	5	0.6					
	9601	2	615	0	0	84	13.7					
	9605	2	873	8	0.9	102	11.7					
	9601	4	892	11	1.2	45	5					
	9601	3	968	36	3.7	109	11.2					
	9606	1	851	32	3.8	56	6.6					
	9605	4	797	87	10.9	142	17.8					
	9605	1	1557	21	1.3	94	6					
	9606	3	1036	2	0.2	119	11.4					
9604	2	1068	2	0.2	157	14.7						
9604	4	947	0	0	48	5.1						
Brown County Total:			27120	385	1.4	2177	8					
Waseca	9905	1	1436	56	3.9	70	4.9					
	9901	1	1184	22	1.8	142	11.9					
	9904	5	998	42	4.2	92	9.2					
	9905	3	490	0	0	68	13.8					
	9905	4	820	0	0	10	1.2					
	9904	2	686	22	3.2	43	6.2					
	9905	2	1515	17	1.1	47	3.1					
	9903	3	198	6	3	28	14.1					
	9903	1	689	7	1	74	10.7					
	9901	3	1126	16	1.42	131	11.6					
	9901	2	813	7	0.9	83	10.2					
	9904	4	730	2	0.3	58	7.9					
	Waseca County Total:			18226	348	1.9	1646	9				

Table D-1 Minnesota Census Block Groups Affected by the Proposed Project											
County	Tract	Block Group	Total Population	Minority Population	Minority Percentage	Low Income Population	Low Income Percentage	At Least 50% Minority ¹	Minority 10% Rule ²	At Least 50% Poverty ³	Poverty 10% Rule ⁴
Dodge	9505	5	1247	5	0.4	32	2.6				
	9501	3	1137	12	1.1	59	5.2				
	9502	2	1063	54	5.1	92	8.7				
	9502	4	982	14	1.4	43	4.4				
	9505	6	693	28	4	115	16.6				
	9505	4	1440	22	1.5	81	5.6				
	9503	6	728	11	1.5	51	7				
	9503	7	792	9	1.1	84	10.6				
	9501	2	974	6	0.6	63	6.5				
	9504	1	1513	7	0.5	105	6.9				
Dodge County Total:			15895	370	2.3	1178	7.4				
Lyon	9607	3	888	30	3.4	92	10.4				
	9607	4	686	19	2.8	42	6.1				
	9607	1	514	6	1.2	68	13.2				
	9606	3	776	6	0.8	105	13.5				
	9606	1	799	3	0.4	144	18				
	9606	2	913	0	0	146	15.9				
Lyon County Total:			25007	606	2.4	2737	10.9				
Lincoln	9502	3	598	13	2.2	135	22.6				
	9502	4	718	2	0.3	91	12.7				
	9502	1	958	2	0.2	122	12.7				
	9502	2	566	0	0	100	17.7				
	9502	5	547	0	0	81	14.8				
Lincoln County Total:			6899	46	0.7	1052	15.2				
Redwood	9506	2	609	18	2.9	75	12.3				
	9506	1	898	0	0	157	17.5				
	9506	3	739	7	0.9	107	14.5				
	9505	3	614	10	1.6	48	7.8				
	9505	4	685	5	0.7	99	14.5				
Redwood County Total:			17299	369	2.1	2167	12.5				

1 - 50 percent of the census block is of minority status. Minorities included in the analysis are Black, American Indian, Asian, Hispanic and Other.

2 - The percentage of minorities in the census block is 10 percent higher than that of the county in which the census block is located.

3 - 50 percent of the census block is below the poverty level. The poverty levels used in the analysis were the 1989 per capita income (\$6,418) and the 1989 median household income (\$12,674) for the United States.

4 - The percentage of individuals below the poverty level within the census block is 10 percent higher than that of the county in which the census block is located.

Table D-2 South Dakota Census Block Groups Affected by the Proposed Project											
County	Tract	Block Group	Total Population	Minority Population	Minority Percentage	Low Income Population	Low Income Percentage	At Least 50% Minority ¹	Minority 10% Rule ²	At Least 50% Poverty ³	Poverty 10% Rule ⁴
Brookings	9588	4	910	61	6.7	206	22.6				X
	9587	4	471	13	2.7	56	11.8				X
	9588	2	855	25	2.9	126	14.7				X
	9588	3	1428	50	3.5	316	22.1				X
	9589	2	2177	113	5.2	866	39.8				X
	9589	4	771	0	0	157	20.4				X
	9589	3	686	6	0.9	72	10.5				
	9589	5	1113	0	0	74	6.6				
	9588	1	1263	35	2.8	159	12.6				X
	9588	5	1304	27	2.1	417	31.9				X
	9589	6	1458	43	2.9	303	20.7				X
	9587	7	476	1	0.2	30	6.3				
	9586	3	692	12	1.7	139	20.1				X
	9586	5	977	10	1	67	6.9				
	9586	4	821	4	0.5	159	19.4				X
	9587	5	1317	8	0.6	66	5				
	9587	6	369	0	0	68	18.4				X
9587	8	501	0	0	33	6.6					
Brookings County Total:				25207	551	2.2	332	1.3			
Beadle	9569	3	555	21	3.8	107	19.3				
	9770	4	1495	44	2.9	148	9.9				
	9569	2	684	0	0	90	13.2				
	9569	4	1160	92	7.9	156	13.4				
	9568	2	776	19	2.4	110	14.2				
	9569	1	894	8	0.9	63	7				
	9568	3	676	19	2.8	13	1.9				
	9568	1	434	2	0.5	12	2.8				
	9571	2	944	19	2	123	13				
	9571	1	175	3	1.7	60	34.3				X
	9570	3	1115	17	1.5	141	12.6				
9567	6	654	5	0.8	47	7.2					
9567	3	369	2	0.5	79	21.4					
9567	4	131	0	0	27	20.6					
9566	4	166	0	0	19	11.4					
9566	3	491	0	0	43	8.8					
Beadle County Total:				18253	367	2	2364	12.9			

Table D-2 South Dakota Census Block Groups Affected by the Proposed Project											
County	Tract	Block Group	Total Population	Minority Population	Minority Percentage	Low Income Population	Low Income Percentage	At Least 50% Minority ¹	Minority 10% Rule ²	At Least 50% Poverty ³	Poverty 10% Rule ⁴
Hyde	9766	2	419	39	9.3	81	19.3				X
	9766	1	391	0	0	107	27.4				
	9766	3	895	19	2.1	83	9.3				
Hyde County Total:			1696	59	3.5	271	15.9				
Hughes	9777	3	871	147	16.9	119	13.7				
	9777	5	803	26	3.2	0	0				
	9778	3	606	9	1.5	17	2.8				
	9778	4	793	42	5.3	17	2.1				
	9778	2	1008	60	5.9	57	5.7				
	9778	5	1000	162	16.2	129	12.9				
	9778	1	1503	170	11.3	259	17.2				X
	9776	4	476	140	29.4	152	31.9		X		X
	9776	1	287	2	0.7	34	11.8				X
	9779	3	683	95	13.9	140	20.5				X
	9779	2	662	74	11.2	185	27.9				X
	9779	1	1461	126	8.6	110	7.5				
	9779	4	564	35	6.2	70	12.4			X	
	9776	2	409	4	0.9	33	8.1				
	9777	4	1511	81	5.4	124	8.2				
9777	2	726	34	4.7	17	2.3					
Hughes County Total:			14817	1246	8.4	1517	10.2				
Jones	9916	2	176	2	1.1	47	26.7				X
Jones County Total:			1324	9	0.7	200	15.1				

**Table D-2
South Dakota Census Block Groups Affected by the Proposed Project**

County	Tract	Block Group	Total Population	Minority Population	Minority Percentage	Low Income Population	Low Income Percentage	At Least 50% Minority ¹	Minority 10% Rule ²	At Least 50% Poverty ³	Poverty 10% Rule ⁴
Pennington	116	2	780	24	3.1	77	9.9				
	117	2	890	64	7.2	90	10.1				
	116	5	808	10	1.2	35	4.3				
	116	4	601	12	1.9	123	20.4				
	10901	3	147	0	0	15	10.2				
	10901	2	2944	190	6.5	163	5.5				
	10902	2	1897	354	18.7	369	19.5				
	106	3	1047	201	19.2	110	10.5				
	106	1	670	0	0	98	14.6				X
	107	1	509	55	10.8	165	32.4				X
	102	2	558	79	14.2	137	24.6				
	105	3	824	124	15	130	15.8				
	105	1	701	91	12.9	91	12.9		X		X
	101	1	446	125	28	63	14.1		X		
	115	9	3011	925	30.7	372	12.4		X		
	106	4	867	110	12.7	151	17.4				
	105	2	555	86	15.5	104	18.7				
	10902	1	1236	220	17.8	199	16.1				
	102	1	313	51	16.3	44	14.1				
	104	5	361	161	44.6	104	28.8		X		X
	104	6	532	151	28.4	193	36.3		X		X
	103	7	911	331	33.4	175	19.2		X		
	104	3	1429	270	18.9	218	15.3				
	103	6	816	215	26.3	286	35		X		X
	104	4	1029	242	23.5	148	14.4		X		
	104	1	1867	340	18.2	384	20.6				
	114	4	924	59	6.4	179	19.4				
114	3	1493	228	15.3	208	13.9					
114	1	1223	261	21.3	247	20.2					
116	1	488	8	1.6	136	27.9				X	
116	3	681	11	1.6	102	14.9					
Pennington County Total:			81343	10627	13.1	10235	12.6				
Shannon	9936	1	1554	1520	97.8	1003	64.5	X		X	
Shannon County Total:			9902	9595	96.9	3337	33.7				
Custer	9951	1	818	37	4.5	186	22.7				X
Custer	9951	2	764	24	3.1	62	8.1				
Custer County Total:			6179	442	7.2	215	3.5				
Stanley	9891	2	805	62	7.7	72	8.9				
Stanley	9891	3	1195	84	7	141	11.8				
Stanley	9891	1	453	13	2.9	90	19.9				
Stanley County Total:			2453	177	7.2	303	12.4				

Table D-2 South Dakota Census Block Groups Affected by the Proposed Project											
County	Tract	Block Group	Total Population	Minority Population	Minority Percentage	Low Income Population	Low Income Percentage	At Least 50% Minority ¹	Minority 10% Rule ²	At Least 50% Poverty ³	Poverty 10% Rule ⁴
Jackson	9911	1	433	30	6.9	66	15.2				
Jackson County Total:			2811	1195	42.5	1077	38.3				
Fall River County	9941	5	277	14	5	33	11.9				
	9941	4	644	46	7.1	120	18.6				
	9941	1	695	24	3.5	89	12.8				
	9941	3	240	3	1.3	30	12.5				
	9941	6	295	3	1	22	7.5				
Fall River County Total:			7353	684	9.3	969	13.2				
Haakon	9901	4	791	22	2.8	65	8.2				
	9901	3	572	15	2.6	126	22				
Haakon County Total:			2624	55	2.1	351	13.4				
Kingsbury	9581	4	857	7	0.8	119	13.9				
	9581	3	293	2	0.7	20	6.8				
	9582	3	407	2	0.5	74	18.2				
	9582	5	624	1	0.2	55	8.8				
	9582	4	764	1	0.1	81	10.6				
	9581	5	974	4	0.4	106	10.8				
Kingsbury County Total:			5925	23	0.4	776	13.1				
Hand	9757	2	1029	6	0.6	82	7.9				
	9757	1	266	1	0.4	37	13.9				
	9757	3	768	2	0.3	74	9.6				
	9756	6	362	0	0	69	19.1				
	9756	5	232	0	0	35	15.1				
Hand County Total:			4272	728	17	44	1				

1 - 50 percent of the census block is of minority status. Minorities included in the analysis are Black, American Indian, Asian, Hispanic and Other.

2 - The percentage of minorities in the census block is 10 percent higher than that of the county in which the census block is located.

3 - 50 percent of the census block is below the poverty level. The poverty levels used in the analysis were the 1989 per capita income (\$6,418) and the 1989 median household (\$12,674) for the United States.

4 - The percentage of individuals below the poverty level within the census block is 10 percent higher than that of the county in which the census block is located.

Table D-3

Wyoming Census Block Groups Affected by the Proposed Project

County	Tract	Block Group	Total Population	Minority Population	Minority Percentage	Low Income Population	Low Income Percentage	At Least 50% Minority ¹	Minority 10% Rule ²	At Least 50% Poverty ³	Poverty 10% Rule ⁴
Weston	9511	8	64	0	0	0	0				
	9511	7	40	1	2.5	0	0				
	9512	1	123	1	0.8	0	0				
	9512	2	79	3	3.8	0	0				
	9513	4	614	18	2.9	75	12.2				
	9513	3	677	23	3.4	42	6.2				
	9513	5	1111	29	2.6	74	6.7				
	9512	6	508	14	2.8	59	11.6				
	9512	7	538	17	3.2	54	10				
	9511	6	66	0	0	25	37.9				X
	9511	5	18	0	0	0	0				
Weston County Total:			448	10	2.2	40	8.9				
			6518	119	1.8	628	9.6				
Niobrara	9572	1	51	0	0	25	49				X
	9571	1	65	0	0	0	0				
Niobrara County Total:			2499	124	4.9	404	16.2				
Campbell	9528	1	691	11	1.6	40	5.8				
	9528	2	19	0	0	0	0				
	9528	3	70	0	0	0	0				
	9527	1	3020	107	3.5	66	2.1				
Campbell County Total:			29370	1471	1.2	2439	8.3				
Crook	9502	5	49	0	0	0	0				
	9502	4	1092	6	0.6	113	10.3				
	9502	3	251	1	0.4	7	2.8				
Crook County Total:			5294	63	1.2	707	13.4				
Converse	9561	1	48	4	8.3	0	0				
	Converse County Total:		11128	819	7.4	1311	11.8				

1 - 50 percent of the census block is of minority status. Minorities included in the analysis are Black, American Indian, Asian, Hispanic and Other.
 2 - The percentage of minorities in the census block is 10 percent higher than that of the county in which the census block is located.
 3 - 50 percent of the census block is below the poverty level. The poverty levels used in the analysis were the 1989 per capita income (\$6,418) and the 1989 median household income (\$12,674) for the United States.
 4 - The percentage of individuals below the poverty level within the census block is 10 percent higher than that of the county in which the census block is located.

**Table D-4
Environmental Justice Census Block Groups
By Alignment and Community - Minnesota**

County	Tract	Block Group	Alignment	Community
Winona	9703	4	Existing	Winona
	9705	2	Existing	Winona
	9705	1	Existing	Winona
	9705	3	Existing	Winona
Olmsted	8	9	Existing	Rochester
	6	2	Existing	Rochester
	1	1	Existing	Rochester
	2	5	Existing	Rochester
	2	4	Existing	Rochester
	5	1	Existing	Rochester
	5	3	Existing	Rochester
	13	2	Existing	Rochester
	1	2	Existing	Rochester
	3	1	Existing	Rochester
Steele	9604	1	Existing	Owatonna
	9604	2	Existing	Owatonna
	9604	4	Existing	Owatonna
Blue Earth	9707	5	Existing	Mankato
	9703	1	Existing	Mankato
	9712	6	Southern Bypass	Mankato
	9707	6	Existing	Mankato
	9707	4	Existing	Mankato
	9706	3	Existing	Mankato
	9706	2	Existing	Mankato

Table D-5 Environmental Justice Census Block Groups By Alignment and Community - South Dakota				
County	Tract	Block Group	Alignment	Community
Brookings	9588	4	Existing	Brookings
	9588	2	Existing	Brookings
	9588	3	Existing	Brookings
	9589	2	Existing	Brookings
	9588	1	Existing and Northern Bypass	Brookings
	9588	5	Existing	Brookings
	9589	6	Existing	Brookings
	9586	3	Exisint and Northern Bypass	Brookings
	9586	4	Existing	Rural
	9587	6	Existing	Brookings
Beadle	9571	1	Existing	Huron
Hyde	9766	1	Existing	Rural
Hughes	9779	4	Existing	Pierre
	9778	1	Existing	Pierre
	9776	4	Existing	Pierre
	9779	3	Existing	Pierre
	9779	2	Existing	Pierre
Jones	9916	2	Existing	Capa
Pennington	107	1	D	Rapid City
	102	2	D	Rapid City
	101	1	D	Rapid City
	115	9	D	Ellsworth AFB
	104	5	D	Rapid City
	104	6	D	Rapid City
	103	7	D	Rapid City
	103	6	D	Rapid City
	104	4	D	Rapid City
	116	1	Existing	Wall
Shannon	9936	1	B and C	Pine Ridge Res.
Custer	9951	1	B and C	Fairburn?

Table D-6 Environmental Justice Census Block Groups By Alignment and Community - Wyoming				
County	Tract	Block Group	Alignment	Community
Weston	9511	6	N	None
Niobrara	9572	1	N	None

**Table D-7
Environmental Justice Census Block Groups Disproportionally Impacted by Noise Increases**

Census Block	Existing Conditions	20 MNT		50 MNT		100 MNT	
	Wayside with Horn	Wayside with Horn	% Increase	Wayside with Horn	% Increase	Wayside with Horn	% Increase
271090002.004	4	4	0	10	150	31	675
Olmsted County Total	157	201	28	368	134	632	302
270139703.001	5	5	0	16	220	38	660
Blue Earth County Total	51	111	117	205	301	325	537
271479604.001	0	2	100	10	100	18	100
271479604.002	7	7	0	12	71	29	314
Steele County Total	68	71	.04	141	107	223	227
460119586.004	16	16	0	23	44	25	56
460119589.006	54	54	0	90	67	127	135
460119588.005	12	20	67	37	208	53	342
Brookings County Total	25	167	568	320	1180	521	100
461030116.001	0	0	0	2	100	13	100
461030115.009	1	1	0	1	0	2	100
461030104.004	18	28	55	36	100	50	178
461030104.005	2	2	0	5	150	8	300
Pennington County Total	303	340	12	560	65	788	160

Bold numbers indicate the areas in which the census block percentage increase exceeded the county percentage increase

**Table D-8
Environmental Justice Census Block Groups Disproportionally Impacted by Reduced Grade Crossing Safety**

County	Census Block	MNT	Grade Crossing Number	Location
Brookings	460119587.006	50/100	197448R	459TH Avenue or CR 1
Hughes	460659779.002	20/50/100	189844L	Harrison Street
Brookings	460119589.006	50/100	197478H	22nd Avenue
Brookings	460119588.004	50/100	197481R	Main Avenue
Brookings	460119588.005	100	197480J	Medary Avenue

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**Draft Public Involvement Outreach Plans
for Native American Tribes**

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**Draft Public Involvement Outreach Plan
Native American Tribes
Iowa**

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Minnesota, South Dakota, and Wyoming.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes Native American tribes. SEA is contacting media outlets, local organizations, libraries, tribal and other officials in the following Iowa Tribal Community as part of its environmental justice outreach:

- Sac & Fox Nation of Iowa

Information Distribution

Draft EIS Repositories

Library: SEA is sending copies of the Draft EIS to the library that serves the above mentioned tribal community. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Grinnell College Library, 1111 6th Avenue, Grinnell, IA 50112

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the affected tribal communities in the area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Indian Country Today*, national daily serving Native Americans
- *Native Peoples Magazine*, bi-monthly international magazine dedicated to Native arts and life ways
- *News From Indian Country*, national independent newspaper, published twice monthly

- Noble Savage Media, *Indianz.Com*, Internet website for Native American information
- *Sioux City Journal*, daily
- *Union*, Belle Plaine, non-daily

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KDAO-AM 1190*, Marshalltown, nostalgia
- *KZAT-FM 95.5*, Tama, classic rock
- *KRTI-FM 106.7*, Newton, adult contemporary

Tribal Officials

SEA is sending notification of the availability of the Draft EIS to the following tribal chairman and secretary:

- Sac & Fox Nation of Iowa, 349 Meskwaki Road, Tama, IA, 52339
Talbert Davenport, Sr., Chairman
Adrian Pushetonequa, Council Secretary

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve this Iowa tribal community:

- Aberdeen Area Tribal Chairmen's Association, HC 3, Box 2, New Town, ND 58763, Attn: Tex Hall, Chairman
- Grey Eagle Society, Box 550, Pine Ridge, SD 57770, Attn: Elaine Quiver, Chairwoman
- Indigenous Environmental Network, P.O. Box 485, Bemidji, MN 56601
- Medicine Wheel Coalition on Sacred Sites, Box 601 Riverton, WY 82501, Attn: Francis Brown, Chairman
- Native Americans, Department of Cultural Affairs, New Historical Building, 600 East Locust, Des Moines, IA 50319
- U.S. Bureau of Indian Affairs, Midwest Region, 1 Federal Drive, Room 550, Fort Snelling, MN 55111-4007

**Draft Public Involvement Outreach Plan
Native American Tribes
Minnesota**

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Minnesota, South Dakota, and Wyoming.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes Native American tribes. SEA is contacting media outlets, local organizations, libraries, tribal and other officials in the following Minnesota Tribal Communities as part of its environmental justice outreach:

- Lower Sioux Indian Community
- Prairie Island Sioux Community
- Red Lake Band of Chippewa
- Shakopee Mdewakanton Sioux Community
- Upper Sioux Indian Community

Information Distribution

Draft EIS Repositories

Library: SEA is sending copies of the Draft EIS to the library that serves the above mentioned tribal communities. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- A.C. Clark Library, Bemidji State University, 1500 Birchmont Drive NE, Bemidji, MN 56601-2699

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the affected tribal communities in the area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *American News*, Montevideo, weekly
- *Blooming Prairie Times*, weekly serving Steele County
- *Indian Country Today*, national daily serving Native Americans
- *Native Peoples Magazine*, bi-monthly international magazine dedicated to Native arts and life ways
- *News From Indian Country*, national independent newspaper, published twice monthly
- Noble Savage Media, *Indianz.Com*, Internet website for Native American information
- *Pilot-Independent*, Walker, weekly
- *Pioneer Press*, Minneapolis-St. Paul, major daily
- *Redwood Gazette*, Redwood Falls, weekly
- *Star Tribune*, Minneapolis-St. Paul, major, daily

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KKBJ-AM 1360*, Bemidji, talk
- *KDMA-AM 1460*, Montevideo, country
- *KLGR-AM 1490*, Redwood Falls, talk, country
- *KNBJ-FM 91.3*, Bemidji, news
- *KKRC-FM 93.9*, Granite Falls, oldies
- *KLGR-FM 97.7*, Redwood Falls, oldies
- *KLLZ-FM 99.1*, Walker, rock
- *KBHP-FM 101.1*, Bemidji, country
- *KKBJ-FM 103.7*, Bemidji, adult contemporary
- *KWNG-FM 105.9*, Red Wing, classic rock

Tribal Officials

SEA is sending notification of the availability of the Draft EIS to the following tribal chairpersons and secretaries in Minnesota:

- Lower Sioux Community, RR 1 Box 308, Morton, MN 56270
Roger Prescott, Chairman
Betty Lee, Tribal Secretary
- Prairie Island Sioux Community, 1158 Island Boulevard, Welch, MN 55089
Audrey Kohlen, Chairwoman
Lou Taylor, Tribal Secretary

- Red Lake Band of Chippewa, P.O. Box 550 , Red Lake, MN 56671
Bobby Whitefeather, Chairman
Judy Roy, Tribal Secretary
- Shakopee Mdewakanton Sioux Community, 2330 Sioux Trail NW, Prior Lake, MN 55372
Stanley Crooks, Chairman
Lori Crowschild, Tribal Secretary
- Upper Sioux Community, P.O. Box 147, Granite Falls, MN 56241
Dallas Ross, Chairman
Brad Lerschen, Tribal Secretary

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the Minnesota tribal communities:

- Black Hills Sioux Nation Council, Box H, Pine Ridge, SD 57770, Attn: Oliver Red Cloud, Chairman
- Grey Eagle Society, Box 550, Pine Ridge, SD 57770, Attn: Elaine Quiver, Chairwoman
- Indigenous Environmental Network, P.O. Box 485, Bemidji, MN 56601
- Medicine Wheel Coalition on Sacred Sites, Box 601 Riverton, WY 82501, Attn: Francis Brown, Chairman
- Minnesota Cultural Diversity Center, First Bank Building, 9633 Lyndale Avenue South, Bloomington, MN 55420
- Minnesota Indian Affairs Council, 1819 Bemidji Avenue, Bemidji, MN 56601
- U.S. Bureau of Indian Affairs, Midwest Region, 1 Federal Drive, Room 550, Minneapolis, MN 55111-4007
- U.S. Bureau of Indian Affairs, Minnesota Agency, Federal Building, Room 418, 522 Minnesota Avenue NW, Bemidji, MN 56601-3062, Attn: Superintendent

**Draft Public Involvement Outreach Plan
Native American Tribes
Montana**

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Minnesota, South Dakota, and Wyoming.

The purpose of this outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes Native American tribes. SEA is contacting media outlets, local organizations, libraries, tribal and other elected officials in the following Montana Tribal Communities as part of its environmental justice outreach:

- Crow
- Fort Peck Tribes-Assiniboine Sioux
- Northern Cheyenne

Information Distribution

Draft EIS Repositories

Libraries: SEA is sending copies of the Draft EIS to libraries that serve the above mentioned tribal communities. SEA is targeting libraries in the general area of the identified impact to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Dull Knife Memorial College, P.O. Box 98, 1 College Drive, Lame Deer, MT 59043
- Fort Peck Community College, P.O. Box 398, Poplar, MT 59255-0398
- Little Big Horn College, P.O. Box 370, 1 Forest Lane, Crow Agency, MT 59022

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the affected tribal communities in

Montana, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Gazette*, Billings, daily
- *Herald-News*, Wolf Point, weekly
- *Indian Country Today*, national daily serving Native Americans
- *Native Peoples Magazine*, bi-monthly international magazine dedicated to Native arts and lifeways
- *News From Indian Country*, national independent newspaper, published twice monthly
- Noble Savage Media, *Indianz.Com*, Internet website for Native American information
- *Star*, Miles City, daily

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KURL-AM 730*, Billings, religious
- *KBLG-AM 910*, Billings, news
- *KMTA-AM 1050*, Miles City, adult contemporary
- *KIKC-AM 1250*, Forsyth, variety
- *KVCK-AM 1450*, Wolf Point, country
- *KVCK-FM 92.7*, Wolf Point, contemporary
- *KYYA-FM 93.3*, Billings, adult contemporary
- *KMHK-FM 95.5*, Hardin, classic rock
- *KCMT-FM 96.3*, Billings, country
- *KBBB-FM 103.7*, Billings, adult contemporary

Tribal Officials

SEA is sending notification of the availability of the Draft EIS to the following tribal chairpersons and secretaries in Montana:

- Crow Tribal Council, P.O. Box 159, Crow Agency, MT 59022
Clifford Birdingrond, Chairman
Gilton Nobel, Secretary
- Fort Peck Tribes-Assiniboine Sioux, P.O. Box 1027, Poplar, MT 59255
Arlyn Headdress, Chairman
Regine Belgarde, Secretary

- Northern Cheyenne, P.O. Box 128, Lame Deer, MT 59043
Joseph Walksalong, Sr., Chairman
Charlene Evans, Secretary

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the Montana tribal communities:

- Black Hills Sioux Nation Council, Box H, Pine Ridge, SD 57770, Attn: Oliver Red Cloud, Chairman
- Governor's Office of Indian Affairs, Room 202 State Capitol, Helena, MT 59620
- Grey Eagle Society, Box 550, Pine Ridge, SD 57770, Attn: Elaine Quiver, Chairwoman
- Indigenous Environmental Network, P.O. Box 485, Bemidji, MN 56601
- Medicine Wheel Alliance, P.O. Box 23403, Billings, MT 59104-3403
- Medicine Wheel Coalition on Sacred Sites, Box 601, Riverton, WY 82501, Attn: Francis Brown, Chairman
- Montana/Wyoming Tribal Leaders Council, 207, North Broadway, BR-2, Billings, MT 59101-1951
- U.S. Bureau of Indian Affairs, Rocky Mountain Region, 316 North 26th Street, Billings, MT 59101-1362

**Draft Public Involvement Outreach Plan
Native American Tribes
Nebraska**

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Minnesota, South Dakota, and Wyoming.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes Native American tribes. SEA is contacting media outlets, local organizations, libraries, tribal and other elected officials in the following Nebraska tribal communities as part of its environmental justice outreach:

- Omaha
- Ponca Tribe of Nebraska
- Santee Sioux
- Winnebago

Information Distribution

Draft EIS Repositories

Libraries: SEA is sending copies of the Draft EIS to libraries that serve the above mentioned tribal communities. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Little Priest Tribal College Library, P.O. Box 270, Winnebago, NE 68071
- Nebraska Indian Community College, R.R. #2, P.O. Box 752, Niobrara, NE 68760

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the affected tribal communities in the area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Indian Country Today*, national daily serving Native Americans
- *Lincoln Journal Star*, daily
- *Native Peoples Magazine*, bi-monthly international magazine dedicated to Native arts and lifeways
- *News From Indian Country*, national, independent newspaper, published twice monthly
- Noble Savage Media, *Indianz.Com*, Internet website for Native American information
- *Omaha World-Herald*, daily

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations. SEA is focusing on a variety of stations to include a broad cross section of programming and to targets appropriate populations.

- *KCSR-AM 610*, Chadron, business
- *KMNS-AM 620*, Sioux City, IA, talk
- *KYNT-AM 1450*, Yankton, SD, oldies
- *KKYA-FM 93.1*, Yankton, SD, country
- *KZSR-FM 102.3*, Sioux City, IA, adult contemporary
- *KSUX-FM 105.7*, Sioux City, IA, country

Tribal Officials

SEA is sending notification of the availability of the Draft EIS to the following tribal chairmen and secretaries in Nebraska:

- Omaha Tribal Council, P.O. Box 368, Macy, NE 68039
Elmer Blackbird, Chairman
Edwin McCauley, Tribal Secretary
- Ponca Tribe of Nebraska, Box 288, Niobrara, NE 68760
Fred Leroy, Chairman
Jan Colwell, Tribal Secretary
- Santee Sioux Tribe of Nebraska, 425 Frazier Avenue North, Suite 2, Niobrara, NE 68760-7219
Arthur Denny, Chairman
Lucy Bearing, Tribal Council Recording Secretary
- Winnebago Tribal Council, P.O. Box 687, Winnebago, NE 68071
Kenneth Mallory, Chairman
Louis Houghton, Council Secretary

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the Nebraska tribal communities:

- Aberdeen Area Tribal Chairmen's Association, Tex Hall, Chairman, HC 3, Box 2, New Town, ND 58763
- Black Hills Sioux Nation Council, Box H, Pine Ridge, SD 57770, Attn: Oliver Red Cloud, Chairman
- Grey Eagle Society, Box 550, Pine Ridge, SD 57770, Attn: Elaine Quiver, Chairwoman
- Indigenous Environmental Network, P.O. Box 485, Bemidji, MN 56601
- Medicine Wheel Coalition on Sacred Sites, Box 601 Riverton, WY 82501, Attn: Francis Brown, Chairman
- Nebraska Commission on Indian Affairs, P.O. Box 94981, 6th Floor Capitol, Lincoln, NE 68509
- U.S. Bureau of Indian Affairs, Midwest Region, 1 Federal Drive, Room 550, Minneapolis, MN 55111-4007

**Draft Public Involvement Outreach Plan
Native American Tribes
North Dakota**

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Minnesota, South Dakota, and Wyoming.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes Native American tribes. SEA is contacting media outlets, local organizations, libraries, tribal and other officials in the following North Dakota Tribal Communities as part of its environmental justice outreach:

- Standing Rock Sioux Tribe
- Spirit Lake Nation
- Turtle Mountain Band of Chippewa
- Three Affiliated Tribes

Information Distribution

Draft EIS Repositories

Libraries: SEA is sending copies of the Draft EIS to libraries that serve the above mentioned tribal communities. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Turtle Mountain Community College, P.O. Box 340, Belcourt, ND 58316
- Fort Berthold Community College, P.O. Box 490, New Town, ND 58763
- Little Hoop Community College, P.O. Box 269, Fort Totten, ND 58335
- Sitting Bull College, Rural Route 1, HC-Box 4, Fort Yates, ND 58538

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the affected tribal communities in the North Dakota, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Bismarck Tribune*, daily
- *Daily Journal*, Devils Lake
- *Indian Country Today*, national daily serving Native Americans
- *Mountrail Country Record*, Parshall, non-daily
- *Native Peoples Magazine*, bi-monthly international magazine dedicated to Native arts and lifeways
- *News From Indian Country*, national independent newspaper, published twice monthly
- Noble Savage Media, *Indianz.Com*, Internet website for Native American information

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KDLR-AM 1240*, Devils Lake, adult contemporary
- *KOLY-AM 1300*, Mobridge, SD, nostalgia
- *KEYA-FM 88.5*, Belcourt, public radio
- *KLND-FM 89.5*, Little Eagle, SD, variety
- *KMHA-FM 91.3*, Four Bears, ethnic
- *KBTO-FM 101.9*, Bottineau, country
- *KZZY-FM 103.5*, Devils Lake, country

Tribal Officials

SEA is sending notification of the availability of the Draft EIS to the following tribal chairpersons and secretaries in North Dakota:

- Standing Rock Sioux Tribe, P.O. Box D, Fort Yates, ND 58538
Charles Murphy, Chairman
Elaine McLaughlin, Tribal Secretary
- Spirit Lake Nation, P.O. Box 359, Fort Totten, ND 58335
Phillip "Skip" Longie, Chairman
Karen Littlewind, Tribal Secretary

- Turtle Mountain Band of Chippewa, P.O. Box 900, Belcourt, ND 58316
Richard LaFromboise, Chairman
Jolene Peltier, Tribal Secretary
- Three Affiliated Tribes, HC3 Box 2, New Town, ND 58763
Tex Hall, Chairman
Daylon Spotted Bear, Council Secretary

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the North Dakota tribal communities:

- Aberdeen Area Tribal Chairmen's Association, Tex Hall, Chairman, HC 3, Box 2, New Town, ND 58763
- American Indian Culture Research Center, Box 98, Blue Cloud Abbey, Marvin, SD 57251
- Black Hills Sioux Nation Council, Box H, Pine Ridge, SD 57770, Attn: Oliver Red Cloud, Chairman
- Grey Eagle Society, Box 550, Pine Ridge, SD 57770, Attn: Elaine Quiver, Chairwoman
- Indigenous Environmental Network, P.O. Box 485, Bemidji, MN 56601
- Medicine Wheel Coalition on Sacred Sites, Box 601 Riverton, WY 82501, Attn: Francis Brown, Chairman
- North Dakota Indian Affairs Commission, 600 East Boulevard Avenue, 1st Floor, Judicial Wing, Bismark, ND 58505-0300
- U.S. Bureau of Indian Affairs, Standing Rock Agency, P.O. Box E, Fort Yates, ND 58538, Attn: Superintendent

**Draft Public Involvement Outreach Plan
Native American Tribes
Oklahoma**

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Minnesota, South Dakota, and Wyoming.

The purpose of this outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes Native American tribes. SEA is contacting media outlets, local organizations, libraries, tribal and other elected officials in the following Oklahoma tribal communities as part of its environmental justice outreach:

- Cheyenne-Arapaho Tribes of Oklahoma
- Commanche Nation
- Kiowa Tribe
- Pawnee Nation of Oklahoma
- Sac and Fox Nation of Oklahoma

Information Distribution

Draft EIS Repositories

Library

SEA is sending copies of the Draft EIS to the library that serves the above mentioned tribal communities. SEA is targeting libraries in the general area of the identified impact to ensure the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Lawton Public Library, 110 SW 4th Street, Lawton, OK 73501

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the affected tribal communities in the Oklahoma area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Indian Country Today*, national daily serving Native Americans
- *Lawton Constitution*, daily
- *Native Peoples Magazine*, bi-monthly international magazine dedicated to Native arts and life ways
- *News From Indian Country*, national independent newspaper, published twice monthly
- *News Press*, Stillwater, daily
- Noble Savage Media, *Indianz.Com*, Internet website for Native American information
- *Oklahoman*, Oklahoma City, major metro daily
- *The Cheyenne and Arapaho Bulletin*, monthly serving the Cheyenne and Arapaho Tribes of Oklahoma
- *Tulsa World*, daily

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KSPI-AM 780*, Stillwater, talk
- *KKRX-AM 1050*, Lawton, gospel
- *KEBC-AM 1340*, Oklahoma City, urban contemporary
- *KUSH-AM 1600*, Cushing, country
- *KCCU-FM 89.3*, Lawton, public radio
- *KSPI-FM 93.7*, Stillwater, alternative
- *KMGZ-FM 95.3*, Lawton, top 40
- *KXXY-FM 96.1*, Oklahoma City, country
- *KBZQ-FM 99.5*, Lawton, adult contemporary
- *KLAW-FM 101.5*, Lawton, country
- *KRPT-FM 103.7*, Anadarko, country
- *KREK-FM 104.9*, Bristow, country
- *KGFY-FM 105.5*, Stillwater, country

Tribal Officials

SEA is sending notification of the availability of the Draft EIS to the following tribal chairman and secretaries in Oklahoma:

- Cheyenne-Arapaho Tribes of Oklahoma, P.O. Box 38, Concho, OK 73022
James Pedro, Chairman
Donovan Birdshead, Secretary
- Commanche Nation, HC 32, Box 1720, Lawton, OK 73502
Johnny Wauqua, Chairman
Thomas Chibitty, Secretary

- Kiowa Tribe, P.O. Box 369, Carnegie, OK 73015
Earl Yeahquo, Chairman
Emily Sapepauhoodle, Secretary
- Pawnee Nation of Oklahoma, P.O. Box 470, Pawnee, OK 74058
Robert L. Chapman, Chairman
Geraldine Howell, Secretary
- Sac and Fox Nation of Oklahoma, Route 2, Box 246, Stroud, OK 74079
Don Abney, Chairman
A. C. Wilson, Sr., Secretary

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the Oklahoma tribal communities:

- Black Hills Sioux Nation Council, Box H, Pine Ridge, SD 57770, Attn: Oliver Red Cloud, Chairman
- Grey Eagle Society, Box 550, Pine Ridge, SD 57770, Attn: Elaine Quiver, Chairwoman
- Indigenous Environmental Network, P.O. Box 485, Bemidji, MN 56601
- Medicine Wheel Coalition on Sacred Sites, Box 601 Riverton, WY 82501, Attn: Francis Brown, Chairman
- Oklahoma Indian Affairs Commission, 4545 North Lincoln Boulevard, Suite 282, Oklahoma City, OK 73105
- U.S. Bureau of Indian Affairs, Anadarko Agency, P.O. Box 309, Anadarko, OK 73005
- U.S. Bureau of Indian Affairs, Muskogee Area Office, Federal Building, Muskogee, OK 74401

**Draft Public Involvement Outreach Plan
Native American Tribes
South Dakota**

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Minnesota, South Dakota, and Wyoming.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes Native American tribes. SEA is contacting media outlets, local organizations, libraries, city and elected officials in the following South Dakota tribal communities as part of its environmental justice outreach:

- Crow Creek Sioux
- Cheyenne River Sioux
- Flandreau Santee Sioux
- Lower Brule Sioux
- Oglala Sioux
- Rosebud Sioux
- Sisseton-Wahpeton Sioux
- Yankton Sioux

Information Distribution

Draft EIS Repositories

Libraries: SEA is sending copies of the Draft EIS to libraries that serve the above mentioned tribal communities. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Cheyenne River Community College, P.O. Box 220, Eagle Butte, SD 57625
- Cheyenne River Resource Council, Library, P.O. Box 590, Eagle Butte, SD 57625
- Oglala Lakota College Learning Center, P.O. Box 490, Kyle, SD 57752

- Presentation College Lakota Campus, P.O. Box 1070, Eagle Butte, SD 57625-1070
- Sinte Gleska University, East Highway 16, Mission, SD 57555
- Sisseton Wahpeton Community College, P.O. Box 689, Agency Village, SD 57262

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the affected tribal communities in the area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Black Hills People's News*
- *Black Hills Pioneer Press*
- *Brookings Register*, local daily serving Brookings County
- *Capital Journal*, Pierre
- *Indian Country Today*, national daily serving Native Americans
- *Native Peoples Magazine*, bi-monthly international magazine dedicated to Native arts and lifeways
- *News From Indian Country*, national, independent newspaper, published twice monthly
- *News from the Sloughs*, Bad River's monthly newspaper
- Noble Savage Media, *Indianz.Com*, Internet website for Native American information
- *Pennington County Courant*, Wall
- *Yankton Daily Press & Dakotan Newspaper*, Yankton
- *Rapid City Journal*, major daily covering western South Dakota

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KCSR-AM 610*, Chadron, NE, country
- *KJJQ-AM 910*, Brookings, oldies
- *KLOH-AM 1050*, Pipestone, MN, country
- *KOLY-AM 1300*, Mobridge, adult standard
- *KBRK-AM 1430*, Brookings, nostalgia
- *KYNT-AM 1450*, Yankton, oldies
- *KLND-FM 89.5*, Little Eagle, oldies
- *KILI-FM 90.1*, Porcupine, variety
- *KKYA-FM 93.1*, Yankton, country

- *KTSD-FM 91.1*, Reliance, public radio
- *KBRK-FM 93.7*, Brookings, adult contemporary
- *KPLO-FM 94.5*, Pierre, country
- *KSOB-FM 95.7*, Dell Rapids, rock
- *KINI-FM 96.1*, St. Francis, public radio
- *KOLY-FM 99.5*, Mobridge, adult contemporary
- *KKCK-FM 99.7*, Marshall, MN, top-40

Tribal Officials

SEA is sending notification of the availability of the Draft EIS to the following tribal chairpersons and secretaries in South Dakota:

- Cheyenne River Sioux, P.O. Box 590, Eagle Butte, SD 57625
Gregg Bourland, Chairman
Colette Iron Hawk, Secretary
- Crow Creek Sioux, P.O. Box 50, Fort Thompson, SD 57339
Roxanne Sazue, Chairwoman
Tina Grey Owl, Secretary
- Flandreau Santee Sioux, P.O. Box 283, Flandreau, SD 57028
Thomas R. Ranfranz, Chairman
Leah Fyten, Secretary
- Lower Brule Sioux, P.O. Box 187, Lower Brule, SD 57548-0187
Michael Jandreau, Chairman
Sandy LaCroix, Secretary
- Oglala Sioux, P.O. Box H, Pine Ridge, SD 57770
Harold D. Salway, Chairman
- Rosebud Sioux, P.O. Box 430, Rosebud, SD 57570
Willie Kindle, President
Geraldine Night Pipe, Secretary
- Sisseton-Wahpeton Sioux, P.O. Box 509, Agency Village, SD 57262
Andrew J. Grey, Sr., Chairman
Daryl Quinn, Secretary
- Yankton Sioux, P.O. Box 248, Marty, SD 57461
Madonna Archameau, Chairwoman
Ben Gonzales, Secretary

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the South Dakota tribal communities:

- Aberdeen Area Tribal Chairmen's Association, Tex Hall, Chairman, HC 3, Box 2, New Town, ND 58763
- American Indian Culture Research Center, Box 98, Blue Cloud Abbey, Marvin, SD 57251
- Black Hills Sioux Nation Council, Box H, Pine Ridge, SD 57770, Attn: Oliver Red Cloud, Chairman
- Grey Eagle Society, Box 550, Pine Ridge, SD 57770, Attn: Elaine Quiver, Chairwoman
- Indigenous Environmental Network, P.O. Box 485, Bemidji, MN 56601
- Medicine Wheel Alliance, P.O. Box 23403, Billings, MT 59104-3403
- Medicine Wheel Coalition on Sacred Sites, Francis Brown, Chairman, Box 601 Riverton, WY 82501
- Native American Women's Health Education Resource Center, 809 Height Street, P.O. Box 572, Lakes Andes, SD 57356
- South Dakota Office of Tribal Government Relations, Capitol Lake Plaza, 711 East Wells Avenue, Pierre, SD 57501-3369
- U.S. Bureau of Indian Affairs, Aberdeen Area Office, 115 4th Avenue SE, Aberdeen, SD 57401
- U.S. Bureau of Indian Affairs, Cheyenne River Agency, P.O. Box 325, Eagle Butte, SD 57625, Attn: Superintendent
- U.S. Bureau of Indian Affairs, Crow Creek Agency, P.O. Box 139, Fort Thompson, SD 57339, Attn: Superintendent
- U.S. Bureau of Indian Affairs, Lower Brule Agency, P.O. Box 190, Lower Brule, SD 57548, Attn: Superintendent
- U.S. Bureau of Indian Affairs, Pine Ridge Agency, P.O. Box 1203, Pine Ridge, SD 57770, Attn: Superintendent

- U.S. Bureau of Indian Affairs, Pioneer Agency, P.O. Box 1203, Pioneer, SD 57770, Attn: Superintendent
- U.S. Bureau of Indian Affairs, Rosebud Agency, P.O. Box 550, Rosebud, SD 57570, Attn: Superintendent

**Draft Public Involvement Outreach Plan
Native American Tribes
Wisconsin**

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Minnesota, South Dakota, and Wyoming.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes Native American tribes. SEA is contacting media outlets, local organizations, libraries, tribal and other officials in the following Wisconsin tribal communities as part of its environmental justice outreach:

- Ho-Chunk
- Menominee Indian Tribe of Wisconsin

Information Distribution

Draft EIS Repositories

Library: SEA is sending copies of the Draft EIS to the library that serves the above mentioned tribal communities. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- College of the Menominee Nation, P.O. Box 1179, Keshena, WI 54135

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the affected tribal communities in Wisconsin, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *HoCak Worak*, daily serving the Ho-Chunk Nation
- *Indian Country Today*, national daily serving Native Americans
- *Native Peoples Magazine*, bi-monthly international magazine dedicated to Native arts and lifeways

- *News From Indian Country*, national, independent newspaper, published twice monthly
- Noble Savage Media, *Indianz.Com*, Internet website for Native American information
- *Superior Telegram*, daily

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *WWIS-AM 1260*, Black River Falls, talk
- *KUWS-FM 91.3*, Superior, public radio
- *WOWN-FM 99.3*, Shawano, oldies
- *WWIS-FM 99.7*, Black River Falls, adult contemporary
- *WRVM-FM, 102.7*, Suring, religious

Tribal Officials

SEA is sending notification of the availability of the Draft EIS to the following tribal chairman and secretaries in Wisconsin:

- Ho-Chunk, P.O. Box 667, Black River Falls, WI 54615
Jacob Lonetree, Chairman
Marlene Gamroth, Legislative
- Menominee Indian Tribe, P.O. Box 910, Keshena, WI 54135
Apesanahkwat, Chairman
Linda Welsch, Secretary of Tribal Legislature

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the Wisconsin tribal communities:

- Grey Eagle Society, Box 550, Pine Ridge, SD 57770, Attn: Elaine Quiver, Chairwoman
- Indigenous Environmental Network, P.O. Box 485, Bemidji, MN 56601
- Medicine Wheel Coalition on Sacred Sites, Box 601, Riverton, WY 82501, Attn: Francis Brown, Chairman
- Minnesota Indian Affairs Council, 1819 Bemidji Avenue, Bemidji, MN 56601

- U.S. Bureau of Indian Affairs, Great Lakes Agency, 615 West Main Street,
P.O. Box 273, Ashland, WI 54806-0273

**Draft Public Involvement Outreach Plan
Native American Tribes
Wyoming**

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Minnesota, South Dakota, and Wyoming.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes Native American tribes. SEA is contacting media outlets, local organizations, libraries, tribal and other elected officials in the following Wyoming tribal communities as part of its environmental justice outreach:

- Eastern Shoshone Tribe
- Northern Arapaho

Information Distribution

Draft EIS Repositories

Library: SEA is sending copies of the Draft EIS to the library that serves the above mentioned tribal community. SEA is targeting libraries in the general area of the identified impact to ensure the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- The Fremont County Library System, Lander Main Branch, 451 North 2nd Street, Lander, WY 82520-2316
- The Fremont County Library System, Riverton Branch, 1330 West Park Street, Riverton, WY 82501-3249

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following daily and weekly newspapers. These are either major newspapers serving the affected tribal community in Wyoming, or weeklies that have been identified as community papers with appropriate local circulation.

- *Casper Journal*, Casper
- *Indian Country Today*, national daily serving Native Americans
- *Native Peoples Magazine*, bi-monthly international magazine dedicated to Native arts and life ways
- *News from Indian Country*, national, independent newspaper, published twice monthly
- Noble Savage Media, *Indianz.Com*, Internet website for Native American information
- *Star-Tribune*, Casper
- *Wyoming News Network*, Casper

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KOVE-AM 1330*, Lander, country
- *KVOW-AM 1450*, Riverton, oldies
- *KTRZ-FM 93.1*, Riverton, adult contemporary
- *KTAK-FM 93.9*, Riverton, country
- *KDLY-FM 97.5*, Lander, classic rock
- *Wyoming Public Radio*, University of Wyoming

Tribal Officials

SEA is sending notification of the availability of the Draft EIS to the following tribal leaders in Wyoming:

- Northern Arapaho Tribe, P.O. Box 396, Ft. Washakie, WY 82514
Anthony Addision, Sr., Chairman
Susan Johnston, Secretary
- Eastern Shoshone Tribe, P.O. Box 583, Ft. Washakie, WY 82514
John R. Washakie, Chairman
Barbara Mireau, Secretary

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the Wyoming tribal communities:

- Gray Eagle Society, Box 550, Pine Ridge, SD 57770, Attn: Elaine Quiver, Chairwoman
- Indigenous Environmental Network, P.O. Box 485, Bemidji, MN 56601

- Medicine Wheel Alliance, P.O. Box 23403, Billings, MT 59104-3403
- Medicine Wheel Coalition on Sacred Sites, Box 601 Riverton, WY 82501,
Attn: Francis Brown, Chairman
- Montana/Wyoming Tribal Leaders Council, 207, North Broadway, BR-2,
Billings, MT 59101-1951
- Powder River Basin Resource Council, P.O. Box 1178, Douglas, WY 82633
- Wyoming Indian Affairs Council, Department of Health, 2020 Carey Avenue,
Suite 509, Cheyenne, WY 82002
- U.S. Bureau of Indian Affairs, Wind River Agency, Fort Washakie, WY 82514,
Attn: Superintendent

**Draft Public Involvement Outreach Plans
for Communities and Counties**

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Draft Public Involvement Outreach Plan Mankato, MN

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through the City of Mankato, MN.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in the City of Mankato as part of its environmental justice outreach.

Information Distribution

Draft EIS Repositories

Libraries: SEA is sending copies of the Draft EIS to libraries located in the City of Mankato. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Minnesota State University Memorial Library, Ellis & Maywood Avenue, P.O. Box 8419-ML 3097, Mankato, MN 56001-8419
- Minnesota Valley Regional Library, 100 East Main Street, Mankato, MN 56002
- North Mankato Public Library, 1001 Belgrade Avenue, North Mankato, MN 56003
- Traverse des Sioux Library System, 110 South Broad Street, Mankato, MN 56002-0608

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the Mankato area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Al Dia*, bilingual monthly newsletter published by the Minnesota Chicano Latino Affairs Council
- *Minneapolis Star Tribune*, major daily
- *Rochester Post-Bulletin*, daily serving Olmsted County
- *St. Paul Pioneer Press*, major daily
- *The Mankato Free Press*, weekly serving south-central Minnesota

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations serving the Mankato area. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KYSM-AM 1230*, news
- *KTOE-AM 1420*, talk
- *KMSU-FM 89.7*, public radio
- *KDOG-FM 96.7*, adult contemporary
- *KYSM-FM 103.5*, country

City and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayor, all city council members, the city manager, and the county commissioners.

- Jeff Kagermeier, Mayor, P.O. Box 3368, Mankato, MN 56002-3368
- Pat Hentges, City Manager, P.O. Box 3368, Mankato, MN 56002-3368
- City Council, P.O. Box 3368, Mankato, MN 56002-3368
 - Kathleen Sheran, Mayor Pro-tem and Council Member at Large
 - Bob Freyberg, Ward 1
 - Anne Ganey, Ward 2
 - Dr. Edgar Twedt, Ward 3
 - John Brady, Ward 4
 - Jack Considine, Ward 5
- County Commissioners
 - Colleen Landkamer, 349 Parry Street, Mankato, MN 56002
 - Tom McLaughlin, 1129 Broad Street, Mankato, MN 56002
 - Linley Barnes, 10 Ridgewood Street, Mankato, MN 56002
 - Al Bennett, Chairman, Route 1, Lake Crystal, MN, 56055
 - Alvis More, Route 2, Box 50, Mapleton, MN, 56065

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the Mankato area:

- Chicano Latino Affairs Council, 50 Sherburne Avenue, St. Paul, MN 55155
- Council on Asian-Pacific Minnesotans, 525 Park Street, Suite 105, St. Paul, MN 55103
- Community Housing Partnership, 2116 Campus Drive SW, Rochester, MN 55904
- Mankato Area Environmentalists, 1411 Pohl Road, Mankato, MN 56001
- Minnesota Cultural Diversity Center, First Bank Building, 9633 Lyndale Avenue South, Bloomington, MN 55420
- Minnesota Valley Action Council, 410 Jackson Street, Mankato, MN 56002

Draft Public Involvement Outreach Plan Owatonna, MN

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through the City of Owatonna, MN.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in the City of Owatonna as part of its environmental justice outreach.

Information Distribution

Draft EIS Repositories

Library: SEA is sending copies of the Draft EIS to the public library located in the City of Owatonna. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Owatonna Public Library, 105 North Elm Street, Owatonna, MN 55060

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the Owatonna area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Al Dia*, bilingual monthly newsletter published by the Minnesota Chicano Latino Affairs Council
- *Blooming Prairie Times*, weekly serving Steele County
- *Minneapolis Star Tribune*, major daily
- *Owatonna People's Press*, daily serving Steele County
- *Rochester Post-Bulletin*, daily
- *St. Paul Pioneer Press*, major daily

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations serving the Owatonna area. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KRFO-AM 1390*, oldies
- *KOWZ-FM 100.9*, variety
- *KRFO-FM 104.9*, country

City and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayor, all city council members, the city administrator, and the county commissioners.

- Pete Connor, Mayor, 540 West Hills Circle, Owatonna, MN 55060
- Greg Sparks, City Administrator, 540 West Hills Circle, Owatonna, MN 55060
- City Council, 540 West Hills Circle, Owatonna MN 55060
 - Les Abraham, Council Member at Large
 - Judy Meister, Council Member at Large
 - Mark Hall, Ward 1
 - Kathleen L. Muellerleile, Ward 2
 - Rick Ellingson, Ward 3
 - Rick Wittrock, Ward 4
 - Karol Milbrath, Ward 5
- County Commissioners, 630 Florence Avenue, Owatonna, MN 55060
 - Lester Oeltjenbruns, District 1
 - L. Dean Christianson, District 2
 - Jerry Peterson, District 3
 - Jim Wagner, District 4
 - Tom Shea, District 5

Area Organizations

SEA is sending notification of the availability of the Draft EIS to the following organizations that serve the Owatonna area:

- Chicano Latino Affairs Council, 50 Sherburne Avenue, St. Paul, MN 55155
- Community Housing Partnership, 2116 Campus Drive SW, Rochester, MN 55904
- Council on Asian-Pacific Minnesotans, 525 Park Street, Suite 105, St. Paul, MN 55103

- Minnesota Cultural Diversity Center, First Bank Building, 9633 Lyndale Avenue South, Bloomington, MN 55420
- South Central Minnesota Association of Realtors, Inc., 140 West Pearl Street, Owatonna, MN 55060

Draft Public Involvement Outreach Plan Rochester, MN

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through the City of Rochester, MN.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in the City of Rochester as part of its environmental justice outreach.

Information Distribution

Draft EIS Repositories

Libraries: SEA is sending copies of the Draft EIS to libraries located in the City of Rochester. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Rochester Community and Technical College, 851 30th Avenue SE, Rochester, MN 55904
- Rochester Public Library: 101 2nd Street, SE, Rochester, MN 55904
- University of Minnesota Rochester Campus, 855 30th Avenue SE, Rochester, MN 55904
- Winona State University Rochester Campus, 859 30th Avenue SE, Rochester, MN 55904

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the Rochester area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Al Dia*, bilingual monthly newsletter published by the Minnesota Chicano Latino Affairs Council
- *Minneapolis Star Tribune*, major daily
- *Rochester Post-Bulletin*, daily serving Olmsted County
- *St. Paul Pioneer Press*, major daily

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations serving the Rochester area. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KMFX-AM 1190*, country
- *KROC-AM 1340*, talk and news
- *KOLM-AM 1520*, hits of the 60s, 70s, 80s
- *KRPR-FM 89.9*, news, rock alternative
- *KZSE-FM 90.7*, Minnesota Public Radio, news
- *KLSE-FM 91.7*, classical
- *KFSI-FM 92.9*, religious
- *KRCH-FM 101.7*, classical rock
- *KMFX-FM 102.5*, country
- *KROC-FM 106.9*, top 40

City and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayor, the city administrator, all city council members, and the county commissioners.

- Chuck Canfield, Mayor, 201 4th Street, SE, Rochester, MN 55904
- Richard Devlin, County Administrator, City Hall, 201 4th Street, SE, Rochester, MN 55904
- City Council, City Hall, 201 4th Street, SE, Rochester, MN 55904
 - John Hunziker, Council President
 - Dennis Hanson, Ward 1
 - Marcia Marcoux, Ward 2
 - Jean McConnell, Ward, 3
 - Walter Stobaugh, Ward 4
 - Mack Evans, Ward 5
 - David Senjem, Ward 6
- County Commissioners, Olmsted County Government Center, 151 4th Street, SE, Rochester, MN 55904
 - Mike Podulke, District 1
 - Carol Kamper, District 2

Paul Wilson, District 3
Matt Flynn, District 4
James Rossman, District 5, Chairman
Jean Michaels, District 6
Jeff Thompson, District 7

Area Organizations

SEA is sending notification of the availability of the Draft EIS to the following organizations that serve the Rochester area:

- Charter House, Attn: Richard Edwards, 211 2nd Street NW, Rochester, MN 55901
- Chicano Latino Affairs Council, 50 Sherburne Avenue, St. Paul, MN 55155
- Community Housing Partnership, 2116 Campus Drive SW, Rochester, MN 55904
- Council on Asian-Pacific Minnesotans, 525 Park Street, Suite 105, St. Paul, MN 55103
- East Side Pioneers Neighborhood Association, Attn: Jerry Dooley, Neighborhood Coordinator, City Hall, Room 209, 201 4th Street SE, Rochester, MN 55904
- Justice & Social System Volunteer Program, Olmsted County Government Center, 151 4th Street, SE, Rochester, MN 55904
- Legal Assistance of Olmsted County, 1812 2nd Street, SW, Rochester, MN 55902
- Minnesota Cultural Diversity Center, First Bank Building, 9633 Lyndale Avenue South, Bloomington, MN 55420
- Olmsted County Community Services, Government Center, 151 4th Street, SE, Rochester, MN 55904
- Quarry Hill Nature Center, Attn: Greg Munson, 701 Silver Creek Road NE, Rochester, MN 55906
- Rochester Exchange Club, P.O. Box 972, Rochester, MN 55903
- Rochester League of Women Voters, Attn: Vera Dougher, 633 Woodhaven Court, Rochester, MN 55906
- Rochester Neighborhood Office, City Hall, 201 4th Street, SE, Rochester, MN 55904

- The Olmsted County Historical Society, 1195 County Road 22 SW, Rochester, MN 55902

Draft Public Involvement Outreach Plan Winona, MN

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through the City of Winona, MN.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in the City of Winona as part of its environmental justice outreach.

Information Distribution

Draft EIS Repositories

Libraries: SEA is sending copies of the Draft EIS to libraries located in the City of Winona. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Winona Public Library, 151 West 5th Street, Winona, MN 55987
- Winona State University Library, P.O. Box 5838, Winona, MN 55987

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the Winona area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Al Dia*, bilingual monthly newsletter published by the Minnesota Chicano Latino Affairs Council
- *Minneapolis Star Tribune*, major daily
- *Rochester Post-Bulletin*, daily
- *St. Paul Pioneer Press*, major daily

- *Winona Daily News*, daily serving Winona and Buffalo counties
- *Winona Post*, local daily

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations serving the Winona area. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KAGE-AM 1380*, news, country
- *KQAL-FM 89.5*, Winona State University
- *KAGE-FM 95.3*, adult contemporary
- *KWNO-FM 99.3*, contemporary country

City and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayor, all city council members, the city manager, the county administrator, and the county commissioners.

- Jerry Miller, Mayor, City Hall, 207 Lafayette, Winona, MN 55987
- Eric Sorensen, City Manager, 207 Lafayette, Winona, MN 55987
- Robert Reinert, County Administrator, Winona County Courthouse, 171 West 3rd Street, Winona, MN 55987
- City Council, City Hall, 207 Lafayette, Winona, MN 55987
 - Harland Knight, Ward 1
 - Gerry Krage, Ward 2
 - Jay Kohner, Ward 3
 - George Borzyskowski, Ward 4
 - Thomas G. (Tim) Breza, At-Large
 - Dieter Mielimonka, At-Large
- County Commissioners, Winona County Courthouse, 171 West 3rd Street, Winona, MN 55987
 - Duane M. Bell, District 1
 - Kathy Buswell, District 2
 - Jerry Heim, District 3
 - Dave Stoltman, District 4
 - Judy A. Gilow, District 5, Chairwoman

Area Organizations

SEA is sending notification of the availability of the Draft EIS to the following organizations that serve the Winona area:

- Chicano Latino Affairs Council, 50 Sherburne Avenue, St. Paul, MN 55155
- Council on Asian-Pacific Minnesotans, 525 Park Street, Suite 105, St. Paul, MN 55103
- Minnesota Cultural Diversity Center, First Bank Building, 9633 Lyndale Avenue South, Bloomington, MN 55420

Draft Public Involvement Outreach Plan Brookings, SD

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through the City of Brookings, SD.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in the City of Brookings as part of its environmental justice outreach.

Information Distribution

Draft EIS Repositories

Libraries: SEA is sending copies of the Draft EIS to libraries located in City of Brookings. SEA is targeting libraries in the general area of the identified impact(s) to ensure the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Brookings Public Library, 515 3rd Street, Brookings, SD 57006
- Hilton M. Briggs Library, South Dakota State University, Box 2115, Brookings, SD 57006

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the Brookings area, weeklies that have been identified as community papers with local circulation or other appropriate publications.

- *Brookings Register*, local daily serving Brookings County
- *Capital Journal*, Pierre, daily

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations serving the Brookings

area. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KBRK-AM 1430*, nostalgia
- *KESD-FM 88.3*, public radio
- *KSDJ-FM 90.7*, South Dakota State University, college
- *KBRK-FM 93.7*, adult contemporary

City and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayor, all city council members, and the board of commissioners.

- Virgil Herriott, Mayor, 311 3rd Avenue, Brookings, SD 57006
- City Council, 311 3rd Avenue, Brookings, SD 57006
 - Mike McClemans
 - Sam Artz
 - Nathan Bibby
 - Tom Bozied
 - Keri Weems
 - Bill Davidson
- County Board of Commissioners, County Court House, 314 6th Avenue, Brookings, SD 57006
 - Carol A. Pitts, Chairwoman
 - Ray Santema, Vice Chairman
 - Sara Kneip
 - Barbara Telkamp
 - Don Larson

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the Brookings area:

- Dakota Rural Action, P.O. Box 549, Brookings, SD 57006
- Native American Women's Health Education Resource Center, 809 Height Street, P.O. Box 572, Lake Andes, SD 57356
- Residents of Sunnyview, Inc., 3308 Sunnyview Drive, Brookings, SD 57006
- South Dakota Peace and Justice Center, P.O. Box 405, Watertown, SD 57201

Draft Public Involvement Outreach Plan Custer County, SD

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Custer County, SD.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in Custer County as part of its environmental justice outreach.

Information Distribution

Draft EIS Repositories

Library: SEA is sending copies of the Draft EIS to the public library located in Custer County. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Custer County Library, 447 Crook Street, Custer, SD 57007

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the Custer County area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Argus Leader*, daily
- *Capitol Journal*, Pierre, daily
- *Custer County Chronicle*, Custer
- *Rapid City Journal*, major daily covering western South Dakota

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations serving the Custer County area. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KZMX-AM 580*, Hot Springs, real country
- *KZMX-FM 96.7*, Hot Springs, real country
- *KLMP/KSLT-FM 107.3*, Rapid City, adult contemporary

City and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayors of Custer and Fairburn, and the county commissioners.

- Robert Schilling, Mayor, 622 Crook Street, Custer, SD 57730
- Debra Patterson, Mayor, P.O. Box 81, Fairburn, SD 57738
- Board of Commissioners, Custer County Courthouse, 420 Mount Rushmore, Custer, SD 57730
Kim Irwin, Chairwoman
Joe McFarland
Jim Stender

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the Custer County area:

- Dakota Rural Action, P.O. Box 549, Brookings, SD 57006
- Native American Women's Health Education Resource Center, 809 Height Street, P.O. Box 572, Lake Andes, SD 57356

Draft Public Involvement Outreach Plan Huron, SD

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through the City of Huron, SD.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in the City of Huron as part of its environmental justice outreach.

Information Distribution

Draft EIS Repositories

Library: SEA is sending copies of the Draft EIS to the public library located in the City of Huron. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Huron Public Library, 521 Dakota Avenue, South, Huron, SD 57350

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the Huron area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Argus Leader*, daily
- *Huron Plainsman*, local daily serving Beadle County

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations serving the Huron area. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KOKK-AM* 1210, contemporary country
- *KIJV-AM* 1340, oldies
- *KZNC-FM* 99.1, country
- *KZKK-FM* 105.1, adult contemporary

City and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayor, the city administrator, and the city and county commissioners.

- Mary Pearson, Mayor, P.O. Box 1369, Huron, SD 57350
- Ralph Borkowski, City Administrator, P.O. Box 1369, Huron, SD 57350
- City Commissioners, P.O. Box 1369, Huron, SD 57350
 - James Borszich
 - Robert Jones
 - David McGirr
 - Jan Manolis
- County Commissioners, P.O. Box 845, Huron, SD 57350-0845
 - Randy Ziegeldorf, District 1
 - Jerold Zerfoss, Chairman, District 2
 - Eldon Dahl, District 3
 - Kenneth Kauth, District 4
 - Robert Broer, District 5

Area Organizations

SEA is sending notification announcing the availability of the Draft EIS to the following organizations that serve the Huron area:

- Dakota Rural Action, P.O. Box 549, Brookings, SD 57006
- Native American Women's Health Education Resource Center, 809 Height Street, P.O. Box 572, Lake Andes, SD 57356

Draft Public Involvement Outreach Plan Jones County, SD

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Jones County, SD.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in Jones County as part of its environmental justice outreach.

Information Distribution

Draft EIS Repositories

Courthouse: SEA is sending a copy of the Draft EIS to the county courthouse in Jones County. SEA is targeting repositories in the general area of the identified impact(s) to ensure the Draft EIS is accessible to all members of the community.

- Jones County Courthouse, Murdo, SD 57559

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the Jones County area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Black Hills Pioneer Press*, Spearfish, daily
- *Capital Journal*, Pierre, daily

Radio Station: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio station serving the Jones County area.

- *KGFX-AM 1060*, Pierre

City and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayor of Murdo and the county commissioners.

- Wayne Esmay, Mayor, Murdo, SD 57559
- Jones County Commissioners, Route 1, P.O. Box 18, Murdo, SD 57559
Don Weber
Monte Anker
Marrell Louder

Area Organizations

SEA is sending notification of the availability of the Draft EIS to the following organizations that serve the Jones County Area:

- Dakota Rural Action, P.O. Box 549, Brookings, SD 57006
- Native American Women's Health Education Resource Center, 809 Height Street, P.O. Box 572, Lake Andes, SD 57356

Draft Public Involvement Outreach Plan Pierre, SD

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through the City of Pierre, SD.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in the City of Pierre as part of its environmental justice outreach.

Information Distribution

Draft EIS Repositories

Libraries: SEA is sending copies of the Draft EIS to libraries located in City of Pierre. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Rawlins Municipal Library, 1000 East Church Street, Pierre, SD 57501
- South Dakota State Library, 800 Governors Drive, Pierre, SD 57501

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the Pierre area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Argus Leader*, daily
- *Black Hills Pioneer Press*, Spearfish, daily
- *Capital Journal*, daily
- *Pierre Times*, local weekly

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations serving the Pierre

area. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KGFX-AM 1060*, adult contemporary
- *KCCR-AM 1240*, adult contemporary
- *KGFX-FM 92.7*, classic rock
- *KLXS-FM 95.3*, oldies

City and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayor, all city commissioners, the county administrator, and the county commissioners.

- Gary L. Drewes, Mayor, 222 East Dakota Avenue, Pierre, SD 57501
- County Administrator, Susan Schaefer, 104 East Capitol Avenue, Pierre, SD 57501
- City Commissioners, 222 East Dakota Avenue, Pierre, SD 57501
Laurie Gill
Geoff Simon
Stan Schwellenbach
Larry Weiss
- County Commissioners, 104 East Capitol Avenue, Pierre, SD 57501
Arlo Mortimor
Eldon Russell
Wally Larson
Ron Baumgart
Mark Venner

Area Organizations

SEA is sending notification of the availability of the Draft EIS to the following organizations that serve the Pierre area:

- Dakota Rural Action, P.O. Box 549, Brookings, SD 57006
- Native American Women's Health Education Resource Center, 809 Height Street, P.O. Box 572, Lake Andes, SD 57356
- South Dakota Rural Development Council, 711 East Wells Avenue, Pierre, SD 57501

Draft Public Involvement Outreach Plan Rapid City and Wall, SD

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through the cities of Rapid City and Wall, SD.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in the Rapid City and Wall areas as part of its environmental justice outreach.

Information Distribution

DEIS Repositories

Libraries: SEA is sending copies of the Draft EIS to libraries located in Rapid City. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Ellsworth Air Force Base Library, 2650 Doolittle Drive, Bldg. 3910, Ellsworth, SD 57706
- Rapid City Public Library, 610 Quincy Street, Rapid City, SD 57701
- Devereaux Library, South Dakota School of Mines and Technology, 501 East St. Joseph Street, Rapid City, SD 57701

Newspapers: SEA is submitting legal notices announcing the availability of the Draft EIS to the following major newspapers serving the Rapid City and Wall areas, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Black Hills Pioneer Press*, Spearfish, daily
- *Pennington County Courant*, Wall, weekly
- *Rapid City Journal*, major daily covering western South Dakota

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations serving the Rapid City and Wall areas. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KKLS-AM 920*, oldies
- *KIMM-AM 1150*, country
- *KTOQ-AM 1349*, nostalgia
- *KOTA-AM 1380*, talk, sports
- *KBHE-FM 89.3*, public radio
- *KKMK-FM 93.9*, adult contemporary
- *KLMP-FM 97.9*, religious
- *KOUT-FM 98.7*, country
- *KFXS-FM 100.3*, classic rock

City and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayors of Rapid City and Wall, all city council members, and the county commissioners.

- Jim Shaw, Mayor, 300 6th Street, Rapid City, SD 57701
- David Hahn, Mayor, Wall City Office, Wall, SD 57790
- Rapid City City Council, 300 6th Street, Rapid City, SD 57701
 - Alan Hanks and Tom Johnson, Ward 1
 - Babe Steinburg and Todd Ossenfort, Ward 2
 - Jerry Munson and Steve Rolinger, Ward 3
 - Karen Bulman and Ron Koreger, Ward 4
 - Ann Bush and Mel Dreyer, Ward 5
- Wall City Council, Wall City Office, Wall, SD, 57790
 - Don Kelly
 - Joel Stephens
 - Jim Kitterman
 - Russell Pahl
- County Commissioners, Pennington County Courthouse, 315 St. Joseph Street, Rapid City, SD 57701
 - Mark Kirkeby, Chair
 - Ken Davis, Vice Chair
 - Delores Coffing
 - James Kjerstad
 - Kendra Larson

Area Organizations

SEA is sending notification of the availability of the Draft EIS to the following organizations that serve the Rapid City and Wall areas:

- Dakota Rural Action, P.O. Box 549, Brookings, SD 57006
- Native American Women's Health Education Resource Center, 809 Height Street, P.O. Box 572, Lake Andes, SD 57356
- Prairie Hills Audubon Society, P.O. Box 792, Rapid City, SD 57701
- Sierra Club, Black Hills Group, 1101 East Philadelphia Street, Rapid City, SD 57709
- Zonta Club of the Blacks Hill, P.O. Box 8163, Rapid City, SD 57709

Draft Public Involvement Outreach Plan Niobrara County, WY

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Niobrara County, WY.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in Niobrara County as part of its environmental justice outreach.

Information Distribution

Draft EIS Repositories

Library: SEA is sending copies of the Draft EIS to the county library. SEA is targeting libraries in the general area of the identified impact(s) to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Niobrara County Library, 425 South Main Street, Lusk, WY 82225

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the Niobrara County area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *Star-Tribune*, Casper, daily
- *Herald*, Lusk, weekly serving Niobrara County

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations serving the Niobrara County area. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KTWO-AM 1030*, Casper, news, talk and country
- *KKTY-AM 1470*, Douglas, oldies
- *KMGW-FM 94.5*, Casper, adult contemporary
- *KWYY-FM 95.5*, Casper, country
- *KASS-FM 106.9*, Casper, rock

County and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayor of Lusk and the county commissioners.

- Mark Lohr, Mayor, P.O. Box 390, Lusk, WY 82225
- County Commissioners, Niobrara County Courthouse, 402 South Elm, Lusk, WY 82225
 - Donna Ruffing
 - Richard James
 - Richard Ladwig

Area Organizations

SEA is sending notification announcing availability of the Draft EIS to the following organization that serves the Niobrara County area:

- Powder River Basin Resource Council, P.O. Box 1178, Douglas, WY 82633

Draft Public Involvement Outreach Plan Weston County, WY

As part of its Environmental Review process, the Section of Environmental Analysis (SEA) prepared the following outreach plan in an effort to reach low-income and minority populations potentially impacted by proposed increases in train traffic on the Dakota Minnesota & Eastern Railroad line through Weston County, WY.

The purpose of SEA's outreach effort is to ensure that the Draft Environmental Impact Statement (Draft EIS), public notices, and project information are disseminated to effectively reach the area's population and allow for meaningful public input.

Description of the Area

The potentially affected population includes low-income and minority residents. SEA is contacting media outlets, local organizations, libraries, city and elected officials in Weston County as part of its environmental justice outreach.

Information Distribution

Draft EIS Repositories

Libraries: SEA is sending copies of the Draft EIS to libraries located in Weston County. SEA is targeting libraries in the general area of the identified impact to ensure that the Draft EIS is accessible to all members of the community. Copies of the Draft EIS are being placed in a reference or other appropriate section.

- Upton Branch Library, P.O. Box 605, 722 Fourth Street, Upton, WY 82730
- Weston County Public Library, 23 West Main Street, Newcastle, WY 82701

Media

Newspapers: SEA is submitting legal notices and/or press releases announcing the availability of the Draft EIS to the following major newspapers serving the Weston County area, weeklies that have been identified as community papers with local circulation, or other appropriate publications.

- *News Letter Journal*, Newcastle, local weekly serving Weston County
- *The News-Record*, Gillette, daily
- *Weston County Gazette*, local daily serving Weston County

Radio Stations: SEA is submitting Public Service Announcements (PSA) and/or press releases announcing the availability of the Draft EIS to the following radio stations serving the Weston

County area. SEA is focusing on a variety of stations to include a broad cross section of programming and to target appropriate populations.

- *KASL-AM 1240*, contemporary country
- *KUWN-FM 90.5*, public radio

County and Elected Officials

SEA is sending notification of the availability of the Draft EIS to the mayor of Newcastle, city council members, and the county commissioners.

- Mike Mills, Mayor, 1120 Wood Street, Newcastle, WY 82701
- City Council
 - Annette Hawk, 230 West Winthrop, Newcastle, WY 82701
 - Blanch Cox, 22 West Hill, Newcastle, WY 82701
 - Todd Quigley, 306 Stockade Avenue, Newcastle, WY 82701
 - Annie Mullen, P.O. Box 40, Newcastle, WY 82701
 - Rick Pillen, 109 West Main, Newcastle, WY 82701
 - Ed Wagoner, 223 West Winthrop, Newcastle, WY 82701
 - Greg James, 503 Cambria, Newcastle, WY 82701
- County Commissioners, Weston County Courthouse, 1 West Main Street, Newcastle, WY 82701
 - Ted Elliott, 86 Elliott Road, Newcastle, WY 82701
 - Ted Ertman, 22750 U.S. Highway 85, Newcastle, WY 82701
 - Mark McCoy, Box 836, Newcastle, WY 82701
 - Martin Tysdal, 24498 U.S. Highway 85, Newcastle, WY 82701
 - Alan Todd, 841 Raven Creek Road, Newcastle, WY 82701

Area Organizations

SEA is sending notification of the availability of the Draft EIS to the following organization that serves the Weston County area:

- Powder River Basin Resource Council, P.O. Box 1178, Douglas, WY 82633

APPENDIX E

Air Quality

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Air Quality Analysis Methodology

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APPENDIX E AIR QUALITY ANALYSIS METHODOLOGY

Potential effects on air quality resulting from the operational changes proposed by DM&E were analyzed as part of the environmental analysis. The air quality analysis focused primarily on projected air pollutant emissions from diesel locomotives because they are the primary source of emissions related to the proposed operational changes. The following methodology was applied in order to evaluate whether proposed changes have the potential to affect compliance with the National Ambient Air Quality Standards (NAAQS), acid deposition, and visibility impacts.

E.1 NATIONAL AMBIENT AIR QUALITY STANDARDS

The U.S. Environmental Protection Agency (EPA) has developed NAAQS for six criteria pollutants. The criteria pollutants are: Sulfur dioxide (SO₂), Nitrogen dioxide (NO₂), Ozone (O₃), Carbon monoxide (CO), Lead (Pb), and Particulate matter less than 10 microns in diameter (PM₁₀). Areas are designated as being in attainment, or not in attainment, with the NAAQS based upon ambient air quality monitoring data. The National Ambient Air Quality Standards are shown in Table E-1.

Emissions of nitrogen oxides (NO_x) and hydrocarbons or volatile organic compounds (HCs or VOCs) contribute to the formation of surface level ozone. Therefore, numerous air quality programs are directed at reducing emissions of NO_x (including NO₂) and VOCs in order to reduce ozone pollution. Locomotives and trucks emit sulfur oxides (SO_x, including SO₂), NO_x, CO, PM₁₀, and HCs/VOCs.

E.1.1 Screening Thresholds for Air Quality Analysis

With respect to potential environmental impacts of the proposed changes, thresholds have been established for analyzing the air quality impacts of increased rail line segment and rail yard activity. EPA has established thresholds to identify those sources that would be considered a major source (one of the 28 listed sources in 40 CFR Part 52.21) and require a permit if they were a listed stationary source (rather than a mobile source such as trains or trucks). The EPA thresholds are:

- 100 tons per year emission increase in attainment and maintenance areas,
- 50 tons per year emissions increase in moderate non-attainment areas,
- 25 tons per year emissions increase in serious ozone non-attainment areas, and
- 10 tons per year emissions increase in severe ozone non-attainment areas.

EPA was consulted prior to performing the air quality analysis. In past studies, EPA has concurred with similar approaches used to calculate potential air quality effects such as those resulting from the proposed DM&E operational changes.

As an initial screening level, the emission increase for each county affected by the project has been calculated by the methodology described in this Appendix. Individual counties were compared to EPA's major source thresholds, that is, the emission level of 100 tons per year (tpy) of any pollutant at which a stationary source (such as a power plant) would be considered a major

source of air contaminants. If a particular county would experience an increase in emissions greater than 100 tpy, than a review of air dispersion modeling results was conducted to ensure that emissions from the locomotives would not cause or contribute to an exceedance of the National Ambient Air Quality Standards (NAAQS).

E.1.2 System-Wide and Regional Analysis

As a result of the operational changes, the number of trains transporting freight will change. In addition, the amount of time vehicles idle at highway/rail crossings will be affected. Therefore, the following will be reviewed to estimate system-wide and regional air pollutant emissions effects:

- Projected changes in operations on rail line segments that meet or exceed the thresholds. The anticipated net emissions changes from rail line segments attributable to projected increased train traffic will be calculated.
- Potential changes in truck or rail activities at rail yards. Anticipated system-wide changes in emissions will be calculated for activities at rail yards by summing the activity changes for all individual facilities.

Pollutant	Primary ^a		Secondary ^a	
	ppm	ug/m3	ppm	ug/m3
Carbon Monoxide (CO)				
Max 8-Hour Concentration ^b	9	10,000	--	--
Max 1-Hour Concentration ^b	35	40,000	--	--
Nitrogen Dioxide (NO ₂)				
Annual Arithmetic Average	0.05	100	0.05	100
Ozone (O ₃)				
Max 1-Hour Concentration ^c	0.12	235	0.12	235
Max 8-Hour Concentration ^c	0.08	157	0.08	157
Inhalable Particulates (PM ₁₀)/PM _{2.5})				
Annual Geometric/Arithmetic Mean	--	50/15	--	50
Max 24-Hour Concentration ^b /98 th Percentile	--	150/65	--	150
Sulfur Dioxide (SO ₂)				
Annual Arithmetic Mean	0.03	80	--	--
Max 24-Hour Concentration ^b	0.14	365	--	--
Max 3-Hour Concentration ^b	--	--	0.50	1300
Lead (Pb)				
Max Arithmetic Mean Averaged Quarterly	1.5	--	1.5	

^a Primary standards are for protection of human health; secondary standards are for protection of vegetation, wildlife, and other resources.
^b Not to be exceeded more than once per year.
^c Current ozone standard is being phased out; 8-hour standard is 3-year average, 4th highest daily 8-hour concentration.

E.1.3 County-Wide Analysis

Potential county-wide emissions changes will be evaluated according to the following four-step process:

- Identify counties affected by the project.
- Sum projected emissions increases due to anticipated changes in activities on rail line segments and other activities.
- Determine which counties will exceed the major source thresholds.
- If emissions in a particular county/jurisdiction exceed the thresholds described above, dispersion modeling results were reviewed to determine potential impacts to ambient concentrations of criteria pollutants.

E.1.4 Emission Calculation Methodology

The increase in emissions for each rail line segment will be calculated using the total gross ton increase expected on the segment and the length of each segment. These values, when multiplied together, will provide the gross ton-mile increase for that rail line segment. Next, the increase in total gallons of diesel fuel consumed for each segment will be obtained by dividing the gross ton-mile increase by the fuel efficiency factor, as calculated for the system (993.8 ton-miles per gallon). The corresponding annual emissions increase will be estimated by multiplying the annual fuel consumption for each rail line segment by emission factors. Criteria pollutant emission factors will be obtained from emission rates provided in EPA's "Emission Standards for Locomotives and Locomotive Engines¹." Within this document, emission rates for line-haul and switch locomotives are provided. The emission rates for Tier 1 (built in years 2002-2004) line haul locomotives are provided below:

Hydrocarbons (HC)	9.8 g/gal
Carbon Monoxide (CO)	26.6 g/gal
Nitrogen Oxides (NO _x)	139 g/gal
Sulfur Dioxide (SO ₂) ²	36.7 lb/1000 gal
Particulate Matter (PM)	6.7 g/gal
Lead (Pb) ³	0.0012 lb/1000 gal

Each rail line segment travels through one or more counties. The portion of track that lies within a particular county is a percentage of the total rail line segment length. The increase in emissions of a given pollutant from the entire rail line segment will be multiplied by the appropriate percentage in order to determine the increase in emissions from the segment in a particular county.

¹ EPA's Tier 1 locomotive emission factors, promulgated 12/97.

² SO₂ emissions are based on a fuel sulfur content of 0.26 percent by weight and a density of 7.05 lbs per gallon.

³ Lead emissions are based on Table 1.3-11 of AP-42 (8.9 lbs Pb/10¹² Btu.) The heat content of the fuel is 140,000 Btu per gallon.

This methodology will be employed for all criteria pollutants on every rail line segment that will experience an increase in activity equal to or greater than the screening thresholds.

The following sample calculation for a rail line segment illustrates the emissions estimation procedure for hydrocarbons:

$$\begin{aligned}
 & [27.82 \text{ miles (segment length)}] \times \left[\frac{72.06 \times 10^6 \text{ gross tons (increase)}}{\text{year}} \right] \times \\
 & \left[\frac{1 \text{ gallon}}{993.8 \text{ ton-miles}} \right] = 2.02 \times 10^5 \frac{\text{gallons diesel fuel consumption (increase)}}{\text{year}} \\
 & \left[2.02 \times 10^5 \frac{\text{gallons}}{\text{year}} \right] \times \left[\frac{9.8 \text{ g (HC)}}{1 \text{ gallon}} \right] \times \left[\frac{1 \text{ lb}}{453 \text{ g}} \right] \left[\frac{1 \text{ ton}}{2000 \text{ lb}} \right] = 21.85 \frac{\text{tons (HC)}}{\text{year}}
 \end{aligned}$$

Emission Calculation Assumptions:

- A fuel efficiency factor of 993.8 is assumed.
- The density of the fuel is 7.05 lbs per gallon.
- The fuel sulfur content is 0.26 percent by weight.
- The fuel heat content is 140,000 Btu per gallon.
- Emission factors for HC, CO, NO_x, and PM area based on emission rates provided in EPA's rule on locomotive emission standards for Tier 1 locomotives.
- Lead emissions are based on the AP-42 emission factor of 8.9 lbs of lead per 10¹² Btu.

E.1.5 Air Quality Methodology and Calculations for Rail Yards

Increases in emissions for each rail yard will be calculated by dividing the increase in rail cars switched per day by the system-wide average number of rail cars switched per hour of switch engine operation (number of rail cars switched per switch engine-hour). The daily switch engine operating hours will then be multiplied by the annual operating days (350 days) to yield an estimate of annual switch engine operating hours. The switch engine (locomotive) operating hours will then be multiplied by the hourly diesel fuel consumption. Finally, the annual emission increase will be estimated by multiplying the annual fuel consumption by emission factors. Criteria pollutant emission factors will be obtained from emission rates presented in EPA's "Emissions Standards for Locomotives and Locomotive Engines." This rule provides emission rates for line haul and switch locomotives which were used by EPA to determine the emission limits contained within the rule. The emission rates for switch locomotives are provided below:

Hydrocarbons (HC)	21 g/gal
Carbon Monoxide (CO)	38.1 g/gal
Nitrogen Oxides (NO _x)	202 g/gal

Sulfur Dioxide (SO ₂) ⁴	36.7 lb/1000 gal
Particulate Matter (PM)	9.27 g/gal
Lead (Pb) ⁵	0.0012 lb/1000 gal

The following sample calculation for a rail yard illustrates the emission estimation procedure for nitrogen oxides:

$$\left[38 \frac{\text{railcars (switched)}}{\text{day}} \right] \times \left[\frac{\text{switch engine hour}}{18.75 \text{ railcars}} \right] \times \left[\frac{362 \text{ days}}{\text{year}} \right]$$

$$\left[7.0 \frac{\text{gallons}}{\text{hour}} \right] \times \left[\frac{21 \text{ g (HC)}}{1 \text{ gallon}} \right] \times \left[\frac{1 \text{ lb}}{453 \text{ g}} \right] \left[\frac{1 \text{ ton}}{2000 \text{ lb}} \right] = 0.0002 \frac{\text{tons (HC)}}{\text{year}}$$

Emission Calculation Assumptions:

- The density of the fuel is 7.05 lbs per gallon.
- The fuel sulfur content is 0.26 percent by weight.
- The fuel heat content is 140,000 Btu per gallon.
- The fuel efficiency factor (lbs of fuel per HP-hr) will be calculated after there is further definition of operations.
- A rail yard operates 362 days per year
- The rail cars switched per switch engine-hour will be calculated after there is further definition of operations..
- Emission factors for HC, CO, NO_x, and PM area based on emission rates provided in EPA's rule on locomotive emission standards. It is conservatively assumed that all particulate matter emissions represent PM₁₀.
- SO₂ emissions are based on mass balance.
- Lead emissions are based on the AP-42 emission factor of 8.9 lbs of lead per 10¹² Btu.

E.1.6 Criteria of Significance

The *impacts* section of the DEIS showed overall emissions changes in tons per year on a

⁴ SO₂ emissions are based on a fuel sulfur content of 0.26 percent by weight and a density of 7.05 lbs per gallon.

⁵ Lead emissions are based on Table 1.3-11 of AP-42 (8.9 lbs Pb/10¹² Btu.) The heat content of the fuel is 140,000 Btu per gallon.

county-by-county basis. The significance of the proposed emissions increases in those counties that show an increase in annual emissions will be assessed by considering the following:

- The amount of any potential emissions increase in the county measured in tons per year.
- Whether or not the emission increase exceeds EPA's major source thresholds.
- The attainment or non-attainment status of the county.

If the emission increase in any county exceeds the major source thresholds, an air dispersion modeling analysis was conducted. For the counties in the vicinity of the Powder River Basin, a CALPUFF study was conducted by Environ and is described at the end of this Appendix. Results of the study show that no exceedence of the NAAQS is predicted to occur.

E.2 POTENTIAL AMBIENT CARBON MONOXIDE CONCENTRATIONS DUE TO MOTOR VEHICLE DELAYS AT HIGHWAY/RAIL AT-GRADE CROSSINGS

Previous studies by SEA have conducted dispersion modeling analyses to determine the potential for increased carbon monoxide concentrations at rail crossings due to idling vehicles. As trains pass a crossing, cars are required to stop and idle for a period of time until the train passes and the cars can continue through the intersection. For the current project, all vehicle delay times are expected to decrease since the trains will pass through the intersections at faster speeds. Although the number of trains will increase, the time that any given train is passing through the intersection, causing vehicle delays, will decrease due to the increase in speed.

E.3 DISPERSION MODELING ANALYSIS FOR CLASS I AND CLASS II AREAS (CALPUFF)

Burns & McDonnell contracted with Environ to perform the air dispersion modeling and air quality related value analyses for visibility and acid deposition using the CALPUFF model. The air dispersion modeling performed determined the estimated impacts for the locomotive emissions near the rail line. The impacts were compared to the National Ambient Air Quality Standards (NAAQS). The NAAQS limits are health based. Results of the modeling indicate that no potential exceedences of the NAAQS are expected.

The visibility and acid deposition modeling was performed at sensitive areas including Class I pristine areas. Class I areas are determined by the Federal Land Manager (FLM). Results of the visibility modeling and acid deposition modeling show that some proposed alternatives could have an adverse impact and require mitigation. A more detailed analysis of these impacts is contained in the attached report.

* * * * *

ATTACHMENT

**Air Quality Technical Support Document
For the Powder River Basin Expansion Project
Dakota, Minnesota, and Eastern Railway Corporation
New Railway Retrofit Project**

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Draft Technical Support Document

**Air Quality Technical Support Document
For the Powder River Basin Expansion Project
Dakota, Minnesota, and Eastern Railway Corporation
New Railway Retrofit Project**

Prepared for

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August 2, 2000

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