#### Part I - Preparation and Presentation of Plan (60 points)

- A. How well did the presentation address or identify...?
  - The interrelationship between the environment, natural resources, and the different natural resource management strategies? (0 to 10 points)
    - Not addressed: 0 points
    - Poorly addressed: 2 points
    - Some misconceptions and flaws: 4 points
    - o Complete, accurate, appropriate: 6 points
    - Very detailed, well supported, and highly effective: 8 points
    - Profound, insightful, extremely organized, and highly effective: 10 points
  - The major natural resources areas: soils/land use, aquatic ecology, forestry, wildlife? (0 to 10 points)
    - No major natural resource areas addressed: 0 points
    - One subject addressed: 2 points
    - Two subjects addressed: 4 points
    - Three subjects addressed: 6 points
    - All four subjects addressed: 8 points
    - o All four subjects addressed in a highly effective manner: 10 points
  - All the different players/interest groups that are affected by the problem? (0 to 10 points)
    - Not addressed: 0 points
    - o Many players/interest groups not addressed: 2 points
    - o Some players/interest groups not addressed: 4 points
    - Comprehensive, well addressed: 6 points
    - o Very comprehensive, very well addressed: 8 points
    - o Profound, insightful, extremely comprehensive: 10 points
  - The current issue? (0 to 10 points)
    - Not addressed: 0 points
    - Poorly addressed: 2 points
    - Some misconceptions and flaws: 4 points
    - o Complete, accurate, appropriate: 6 points
    - Very detailed, well supported, and highly effective: 8 points
    - Profound, insightful, extremely organized, and highly effective: 10 points
  - The specific environmental problem and related issues regarding the problem? (0 to 10 points)
    - Not addressed: 0 points
    - Poorly addressed: 2 points
    - Some misconceptions and flaws: 4 points
    - Complete, accurate, appropriate: 6 points
    - Very detailed, well supported, and highly effective: 8 points
    - o Profound, insightful, extremely organized, and highly effective: 10 points

- B. Were references and resources cited in the team presentation? (0 to 10 points)
  - 2 points for each reference used that is relevant to the problem and that supports the science behind the problem solution. Award the full 10 points for 5 or more references. No points are awarded for references that are not relevant to the problem.

### Part II - Comprehensive Consideration of Relevant Issues (80 points)

- A. Team demonstrated a solid understanding of political issue(s) related to the problem (regulations, mandates, impact on political system/community). (0 to 10 points)
  - o Demonstrated no understanding: 0 points
  - o Demonstrated poor understanding: 2 points
  - o Demonstrated some understanding but with flaws: 4 points
  - Demonstrated good understanding: 6 points
  - Demonstrated very good understanding: 8 points
  - o Demonstrated highly insightful, superior understanding: 10 points
- B. Team demonstrated a solid understanding of ecological/environmental issue(s) related to the problem. (0 to 10 points)
  - Demonstrated no understanding: 0 points
  - Demonstrated poor understanding: 2 points
  - o Demonstrated some understanding but with flaws: 4 points
  - Demonstrated good understanding: 6 points
  - Demonstrated very good understanding: 8 points
  - o Demonstrated highly insightful, superior understanding: 10 points
- C. The team demonstrated a solid understanding of economic issue(s) related to the problem including the cost and benefit of the proposed plan, (cost of implementing the plan, economic impact on local resources, cost of doing nothing, future costs, funding source(s), etc.) (0 to 10 points)
  - Demonstrated no understanding: 0 points
  - Demonstrated poor understanding: 2 points
  - o Demonstrated some understanding but with flaws: 4 points
  - o Demonstrated good understanding: 6 points
  - Demonstrated very good understanding: 8 points
  - o Demonstrated highly insightful, superior understanding: 10 points
- D. The team demonstrated a solid understanding of social and/cultural issue(s) related to the problem (private property rights, traditions, clean and healthy environment, right to farm, urban issues, cultural issues, environmental justice). (0 to 10 points)
  - Demonstrated no understanding: 0 points
  - Demonstrated poor understanding: 2 points
  - o Demonstrated some understanding but with flaws: 4 points
  - Demonstrated good understanding: 6 points
  - Demonstrated very good understanding: 8 points
  - o Demonstrated highly insightful, superior understanding: 10 points

- E. The team presented one viable solution to the problem addressing the resource issue. (0 to 10 points)
  - Solution was not viable and was highly flawed: 0 points
  - Solution was only somewhat viable and contained significant flaws: 2 points
  - Solution was mostly viable with some minor flaws: 4 points
  - Solution was viable and would be effective: 6 points
  - Solution was very viable and would be highly effective: 8 points
  - Solution was highly insightful, extremely viable, and would be profoundly effective: 10 points
- F. Solution in the presentation has potential to be applied or implemented with long term sustainability to natural resources. (0 to 10 points)
  - Solution was not sustainable and had major flaws: 0 points
  - Solution was questionably sustainable and contained significant flaws: 2 points
  - Solution was somewhat sustainable with some minor flaws: 4 points
  - Solution was sustainable and would be effective: 6 points
  - Solution was very sustainable and would be highly effective: 8 points
  - Solution was highly insightful, extremely sustainable, and would be profoundly effective: 10 points
- G. Did the solution reflect or address the concerns of all the affected groups and issues? (0 to 10 points)
  - Solution did not address any concerns: 0 points
  - Solution poorly addressed most concerns: 2 points
  - Solution inadequately addressed some concerns: 4 points
  - Solution adequately addressed concerns: 6 points
  - Solution effectively addressed concerns: 8 points
  - Solution profoundly addressed all concerns in a highly insightful manner: 10 points
- H. The main points were clearly stated and supported. (0 to 10 points)
  - Main points were very poorly stated and not supported: 0 points
  - Main points were poorly stated and poorly supported: 2 points
  - o Main points were inadequately stated and ineffectively supported: 4 points
  - Main points were adequately stated and supported: 6 points
  - Main points were well stated and well supported: 8 points
  - o Main points were very well stated and very well supported: 10 points

### Part III - Quality of Presentation (40 points)

- A. Presentation was well-organized with a clear introduction and strong conclusion. (0 to 10 points)
  - Presentation organization (0-6 points)
    - The whole presentation was poorly organized: 0 points
    - A portion of the presentation was inadequately organized: 2 points
    - Presentation was well organized: 4 points

- Presentation was very well organized: 6 points
- Introduction (0-2 points)
  - Presentation had missing or inadequate introduction: 0 points
  - Presentation had strong introduction: 2 points
- Conclusion (0-2 points)
  - Presentation had missing or inadequate conclusion: 0 points
  - Presentation had strong conclusion: 2 points
- B. Participants enhanced the presentation (eye contact, gestures, voice inflection, originality, exhibited professionalism, etc.) (0 to 10 points)
  - Majority of participants had poor presentation skills: 0 points
  - Majority of participants had limited presentation skills: 2 points
  - o Several participants had limited presentation skills: 4 points
  - All participants had adequate presentation skills: 6 points
  - All participants had effective presentation skills: 8 points
  - o All participants had extremely effective presentation skills: 10 points
- C. Visual aids were used to make major points and show conclusions. (Visual aids should be correct, eye appealing, readable, neat, etc.) (0 to 10 points)
  - Visual aids enhanced the presentation: (0-6 points)
    - Visual aids had no impact or distracted from the presentation: 0 points
    - Visual aids had little impact on the presentation: 2 points
    - Visual aids had a positive impact on the presentation: 4 points
    - Visual aids had a very strong positive impact on the presentation: 6 points
  - Visual aids were visually appealing: (0-4 points)
    - Visual aids had flaws that made them unappealing: 0 points
    - Visual aids were appealing: 2 points
    - Visual aids were very appealing: 4 points
- D. Questions were answered logically and concisely by all team members participating. (0 to 10 points)
  - Award points for demonstrating subject knowledge. (0-6 points)
    - Team members demonstrated poor subject knowledge in answering all of the questions: 0 points
    - Team members demonstrated inadequate subject knowledge in answering some of the questions: 2 points
    - Team members demonstrated adequate subject knowledge in answering all of the questions: 4 points
    - Team members demonstrated superior subject knowledge in answering all of the questions: 6 points
  - Award points for equal participation answering questions. (0-4 points)
    - Participation by team members was very unequal: 0 points
    - Participation by team members was somewhat unequal: 2 points
    - Participation by team members was approximately equal: 4 points

#### Part IV - Required Elements (20 points)

- A. Award points for all team members participating equally in the presentation. (0 to 10 points)
  - Award 2 points for each team member that participated approximately equally. Do not award points for team members who spoke a disproportionately long or short amount of time.
- B. Add up to five points if the presentation accomplished the task of presenting a plan. (0 to 5 points)
  - Did not present a plan: 0 points
  - Presented an ill-defined plan with major flaws: 1 point
  - Presented an inadequate plan that had numerous flaws: 2 points
  - Presented an adequate plan that had few very minor flaws: 3 points
  - Presented a well-defined plan with no flaws: 4 points
  - Presented a very well-defined plan that was exceptional: 5 points
- C. Up to five points will be awarded if the presentation was accomplished in the allotted time and the team made effective use of its time.
  - ROOM MONITOR TO ENTER TIME:
    - < 9 minutes: 0 points
    - 9-10:59 minutes: 1 point
    - *11-12:59 minutes: 2 points*
    - 13-14:59 minutes: 3 points
    - 15-16:59 minutes: 4 points
    - 17-20:00 minutes: 5 points