

Group members: *Cameron Hill, Dane Kantowicz, Nathan Woodgerd, Sara Pitchert*
 Evaluator: *JDS*
 Project Title/Topic: *Coal Bed Methane Cleanup*

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective			✓		
Approaches are appropriate for the project				✓	
Work is appropriate for the time and resources available				✓	
Describes fundamental, relevant scientific and/or engineering principles				✓	
Demonstrates understanding of required technical aspects				✓	
Presentation is technically sound				✓	
Uses suitable technical resources (literature, texts, etc)			✓		More texts ref.
2. Oral presentation (20 points)					
Speaks comfortably with minimal prompts (notecards)				✓	
Uses proper American English				✓	
Uses visual aids effectively				✓	
Speaks at a technical level suited for the audience					
Delivers organized oral presentation effectively.			✓		
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)			✓		
Makes sufficient eye contact			✓		
Speaks at an appropriate volume			✓		
Handles questions well					
Smooth transitions between group members'			✓		
3. Professionalism and team coordination (10 points)					
Professional appearance		✓	✓		
Professional language				✓	
Professional attitude				✓	
Shares credit with team members			✓		

TOTAL POINTS: 84

General comments:

-132 ft³ CH₄ → 1 ft³ H₂O → dilute → steam
 High Na → Ion exchange → super conc. → desal. will req.
 estimate 30 M gal/day
 -Dowex G-26 Resin
 17 ft x 15 ft ?
 -Reacidify resin?
 -Considered reverse osmosis
 o options

Group members: *Hill, Kantorowicz, Pridder, Woodward*

Project Title/Topic: *Cool Bed Methane*

Evaluator: *Paul Gannon*

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective		X			
Approaches are appropriate for the project			X		
Work is appropriate for the time and resources available		X			
Describes fundamental, relevant scientific and/or engineering principles		X			<i>Some but confusing scope objectives</i>
Demonstrates understanding of required technical aspects		X			<i>need to explain transport considerations</i>
Presentation is technically sound		X			
Uses suitable technical resources (literature, texts, etc)		X			
2. Oral presentation (20 points)					
Speaks comfortably with minimal prompts (notecards)			X		
Uses proper American English			X		
Uses visual aids effectively			X		
Speaks at a technical level suited for the audience			X		
Delivers organized oral presentation effectively.			X		
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)			X		
Makes sufficient eye contact			X		
Speaks at an appropriate volume			X		
Handles questions well			X		
Smooth transitions between group members'		X			
3. Professionalism and team coordination (10 points)		X			
Professional appearance			X		
Professional language		X			
Professional attitude		X			
Shares credit with team members			X		

TOTAL POINTS: 70

General comments:

Group members: Cameron Holt, Sarah Nathan, Woodard

Evaluator: Peyton

Project Title/Topic:

Coal Bed Methane

- 17' x 15' wide
- Size Columns
- Choose Resin
- No Conc.

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	58	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective				✓		
Approaches are appropriate for the project				✓		
Work is appropriate for the time and resources available			✓	✓		
Describes fundamental, relevant scientific and/or engineering principles			✓			
Demonstrates understanding of required technical aspects				✓		
Presentation is technically sound			✓	✓		
Uses suitable technical resources (literature, texts, etc)			✓	✓		
2. Oral presentation (20 points)	18					
Speaks comfortably with minimal prompts (notecards)				✓		
Uses proper American English				✓		
Uses visual aids effectively				✓		
Speaks at a technical level suited for the audience				✓		
Delivers organized oral presentation effectively.				✓		
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)				✓		
Makes sufficient eye contact					✓	
Speaks at an appropriate volume				✓		
Handles questions well			✓			
Smooth transitions between group members'				✓		
3. Professionalism and team coordination (10 points)	8					
Professional appearance			✓	✓		
Professional language				✓		
Professional attitude				✓		
Shares credit with team members				✓		

TOTAL POINTS: 84

General comments:

- Give column headings on Tables
- 17' x 15' wide?
- No Buffer
- Nathan - Slow Down a Bit
- Pick a SCENARIO & DESIGN FOR IT

Group members: *Hill, Kantorowicz, Pritchard, Woodgerd.* Project Title/Topic: *Coal Bed Methane*

Evaluator: *Laser*

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective			✓		
Approaches are appropriate for the project			✓		
Work is appropriate for the time and resources available			✓		
Describes fundamental, relevant scientific and/or engineering principles			✓		
Demonstrates understanding of required technical aspects			✓		
Presentation is technically sound			✓		
Uses suitable technical resources (literature, texts, etc)			✓		
2. Oral presentation (20 points)					
Speaks comfortably with minimal prompts (notecards)			✓		
Uses proper American English			✓		
Uses visual aids effectively			✓		
Speaks at a technical level suited for the audience			✓		
Delivers organized oral presentation effectively.			✓		
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)			✓		
Makes sufficient eye contact			✓		
Speaks at an appropriate volume			✓*		
Handles questions well		✓			
Smooth transitions between group members'			✓		
3. Professionalism and team coordination (10 points)					
Professional appearance			✓		
Professional language			✓		
Professional attitude			✓		
Shares credit with team members					

TOTAL POINTS: _____

General comments:

**Nathan - drops voice at end - sounds like either doesn't really care about what he's saying, or trying to "slip something by".*
How much water dumped relative to current river flow? Why 90% removed? - needs law - could you do more?
What do you do with the waste you generate? - Deep well injected What do irrigators think of your solution come?

Group members: SARA PRITZCHERT, DAVE KANTOROWITZ **Project Title/Topic:** COAL BED METHANE
 CAM HILL, NATE WADGERD
Evaluator: SHAFFER

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective			X		
Approaches are appropriate for the project			X		
Work is appropriate for the time and resources available			X		
Describes fundamental, relevant scientific and/or engineering principles					
Demonstrates understanding of required technical aspects				X	
Presentation is technically sound			X		
Uses suitable technical resources (literature, texts, etc)			X		
2. Oral presentation (20 points)			X		
Speaks comfortably with minimal prompts (notecards)			X		
Uses proper American English			X		
Uses visual aids effectively			X		
Speaks at a technical level suited for the audience			X		
Delivers organized oral presentation effectively.			X		
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)			X		
Makes sufficient eye contact			X		
Speaks at an appropriate volume			X		
Handles questions well			X		
Smooth transitions between group members'			X		
3. Professionalism and team coordination (10 points)					
Professional appearance			X		
Professional language			X		
Professional attitude			X		
Shares credit with team members			X		

TOTAL POINTS: 87

General comments:

Group members: Green, De, Eric, Walker

Evaluator: R. G. G.

Project Title/Topic: Cal Fuel Reform

Chasing

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective			✓		no initial cost analysis
Approaches are appropriate for the project			✓		
Work is appropriate for the time and resources available			✓		
Describes fundamental, relevant scientific and/or engineering principles		✓			
Demonstrates understanding of required technical aspects		✓			Be there
Presentation is technically sound		✓			
Uses suitable technical resources (literature, texts, etc)		✓			very few citable references.
2. Oral presentation (20 points)					
Speaks comfortably with minimal prompts (notecards)			✓		
Uses proper American English			✓		
Uses visual aids effectively		✓			
Speaks at a technical level suited for the audience			✓		
Delivers organized oral presentation effectively.			✓		
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)		✓			
Makes sufficient eye contact			✓		
Speaks at an appropriate volume			✓		
Handles questions well			✓		
Smooth transitions between group members'			✓		need to look at how framework issue
3. Professionalism and team coordination (10 points)					
Professional appearance		✓			
Professional language		✓			
Professional attitude		✓			
Shares credit with team members	✓				

TOTAL POINTS: 84

General comments: * admit if you do not know the answer right away

Group members: Hill, Kantorowicz, Pritikin, Woodgerd
 Evaluator: Alex

Project Title/Topic: Coal Bed Methane Cleanup

Team Presentation Evaluation Form (100 points total)

1. Technical Content (70 points)	Not Addressed	Needs Improvement	Meets expectations	Exceeded Expectations	Comments
Formulates a design plan to attain a stated objective			X		
Approaches are appropriate for the project			X		
Work is appropriate for the time and resources available			X		
Describes fundamental, relevant scientific and/or engineering principles		X			
Demonstrates understanding of required technical aspects			X		
Presentation is technically sound			X		
Uses suitable technical resources (literature, texts, etc)			X		
2. Oral presentation (20 points)					
Speaks comfortably with minimal prompts (notecards)			X		
Uses proper American English			X		
Uses visual aids effectively		X			
Speaks at a technical level suited for the audience					
Delivers organized oral presentation effectively.			X		
Presents well .mechanically. (does not block screen or exhibit nervous behaviors, etc.)					
Makes sufficient eye contact		X			
Speaks at an appropriate volume			X		
Handles questions well		X			
Smooth transitions between group members'				X	
3. Professionalism and team coordination (10 points)					
Professional appearance			X		
Professional language			X		
Professional attitude			X		
Shares credit with team members			X		

TOTAL POINTS: _____
 General comments: _____