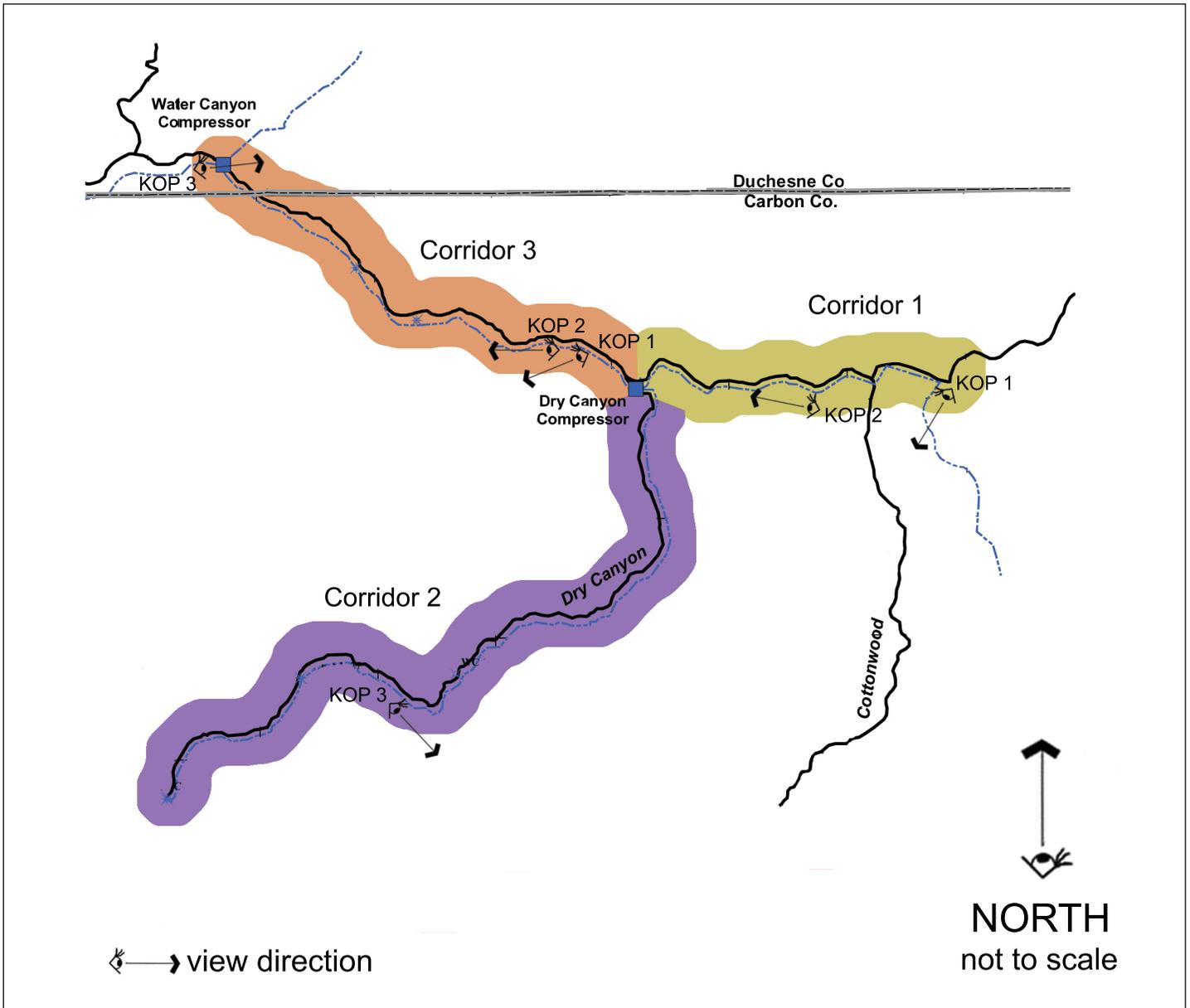


**APPENDIX E:**  
VISUAL SIMULATIONS

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Key Observation Points used for Visual Simulations

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**VISUAL CONTRAST RATING WORKSHEET**

**Date** March 30, 2004

**District** Price, Utah

**Resource Area**

**Activity (program)** BBC Pipelines

**SECTION A. PROJECT INFORMATION**

<p><b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC</p> <p><b>2. Key Observation Point</b> Nine Mile Canyon Corridor 1, KOP 1, Alternative A-exist. alignment expansion</p> <p><b>3. VRM Class</b> Class II</p>	<p><b>4. Location</b></p> <p>Township <u>12 S</u></p> <p>Range <u>16 E</u></p> <p>Section <u>9</u></p>	<p><b>5. Location Sketch</b></p>
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**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	jumbled boulders, 45 degree angular drainages, steep slopes; exposed rock	rounded junipers (spotty)	none
<b>LINE</b>	broken horizontal lines of rock beds; implied lines in drainages at 45 deg.; pyramidal alluvial lines; relatively flat horizontal lines; strong horizon line, horizontal	indistinct; somewhat diagonal along drainage edges; weak lines	none
<b>COLOR</b>	light to dark tan, shades of dark brown; some reddish-dark; some light areas	tans, yellow-tans, juniper green (dark); most dominant color is grasses (yellow-tan today)	none
<b>TEXTURE</b>	rough, rugged shadows cast from horizontal planes of rock	grasses smooth, with spotty junipers almost medium texture especially near top; sage on lower slopes gives some medium texture	none

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	no change	no change	16" round cylindrical pipe running down slope face; larger
<b>LINE</b>	no change	no change	60 deg. diagonal changing to 30 deg.; 45 deg. at top
<b>COLOR</b>	no change	no change	dark brown to rust color, painted with non reflective paint
<b>TEXTURE</b>	no change	no change	smooth

**SECTION D. CONTRAST RATING  SHORT TERM  LONG TERM**

<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<p><b>2. Does project design meet visual resource management objectives?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)</p> <p><b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <small>see below</small></p>
	<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
<b>ELEMENTS</b>	Form			/				/				/	<p><b>Evaluator's Names</b> R. Sweeten J. Ellsworth</p> <p>March 30, 2004</p> <p><small>-move behind ridge as discussed on site with BBC, BLM representatives -non reflective paint should reduce reflection -select color to match landscape</small></p>
	Line			/				/				/	
	Color			/				/				/	
	Texture			/				/				/	

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**VISUAL CONTRAST RATING WORKSHEET**

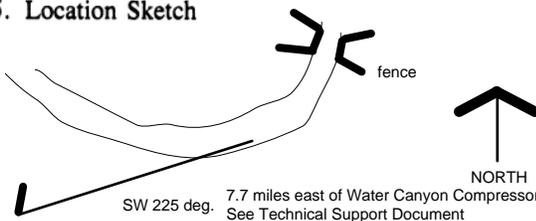
**Date** March 30, 2004

**District** Price, Utah

**Resource Area**

**Activity (program)** BBC Pipelines

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC	<b>4. Location</b> Township <u>12 S</u> Range <u>16 E</u> Section <u>9</u>	<b>5. Location Sketch</b> 
<b>2. Key Observation Point</b> Nine Mile Canyon Corridor 1, KOP 1, Alternative C - realignment expansion		
<b>3. VRM Class</b> Class II		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	jumbled boulders, 45 degree angular drainages, steep slopes, exposed rock	rounded junipers (spotty)	none
<b>LINE</b>	broken horizontal lines of rock beds; implied lines in drainage at 45 deg.; pyramidal alluvial lines, relatively flat horizontal lines; strong horizon line, horizontal	indistinct; somewhat diagonal along drainage edges; weak lines	none
<b>COLOR</b>	light to dark tan, shades of dark brown; some reddish-dark; some light areas	tans, yellow-tans, juniper green (dark); most dominant color is grasses (yellow-tan today)	none
<b>TEXTURE</b>	rough, rugged shadows cast from horizontal planes of rock	grasses smooth, with spotty junipers almost medium texture especially near top; sage on lower slopes gives some medium texture	none

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	no change	no change	16" round cylindrical pipe running down slope face; larger
<b>LINE</b>	no change	no change	45 deg. at top; 's' curve with varying angles at bottom (disappears and reappears behind ridge)
<b>COLOR</b>	no change	no change	dark brown to rust color; painted with non- reflective paint
<b>TEXTURE</b>	no change	no change	smooth

**SECTION D. CONTRAST RATING**  **SHORT TERM**  **LONG TERM**

<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<b>2. Does project design meet visual resource management objectives?</b> <input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> (Explain on reverse side)
	<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	<b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> this is the revised alignment alt - pipeline behind ridge see below
<b>ELEMENTS</b>													
Form				/				/				/	
Line				/				/				/	
Color				/				/				/	
Texture				/				/				/	
<b>Evaluator's Names</b>													-use non reflective paint -paint to match landscape -'s' curves at bottom should follow contours -add shrubs to break up 'line' and 'texture' of pipe
R. Sweeten													
J. Ellsworth March 30, 2004													
rev. April 03, 2004													- J. Ellsworth, K. Kvarfordt

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**VISUAL CONTRAST RATING WORKSHEET**

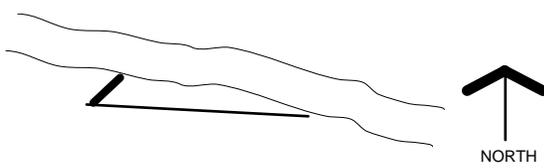
Date March 30, 2004

District Price, Utah

Resource Area

Activity (program) BBC Pipeline

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC	<b>4. Location</b> Township <u>12 S</u> Range <u>16 E</u> Section <u>8</u>	<b>5. Location Sketch</b>  <p align="right">5.6 miles east of Water Canyon Compressor See Technical Support Document</p>
<b>2. Key Observation Point</b> Nine Mile Canyon Corridor 1, KOP 2, Alternative A - Surface Pipe Expansion		
<b>3. VRM Class</b> Class II		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	gentle, rolling, some exposed rock	compact, clumpy, homogenous, shrubs, taller (tamarisks)	4.5" +/- pipeline, rounded, cylindrical
<b>LINE</b>	indistinct - exposed roadside edge; road is line	diagonal and vertical branching in some; indistinct otherwise	horizontal (on surface), follows line of road
<b>COLOR</b>	light reddish-tan, trending lighter in road	grays, golds, faded gray-green	rust brown
<b>TEXTURE</b>	indistinct except road, everything from fine to medium to coarse	medium to coarse	smooth

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	No change in character.	No change in character.	larger pipe
<b>LINE</b>	No change in character.	No change in character.	follows line of road, horizontal
<b>COLOR</b>	No change in character.	No change in character.	newer; more consistent color
<b>TEXTURE</b>	No change in character.	No change in character.	smooth

**SECTION D. CONTRAST RATING**  **SHORT TERM**  **LONG TERM**

<b>ELEMENTS</b>	<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<b>2. Does project design meet visual resource management objectives?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
		<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				<b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No see below
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
	Form			/				/				/		
	Line			/				/				/		
Color			/				/				/			
Texture			/				/				/			
<b>Evaluator's Names</b> R. Sweeten J. Ellsworth March 30, 2004 <small>-locate carefully to take advantage of existing vegetation to screen; if done well would result in weak line and texture contrast</small>														

UNITED STATES  
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**VISUAL CONTRAST RATING WORKSHEET**

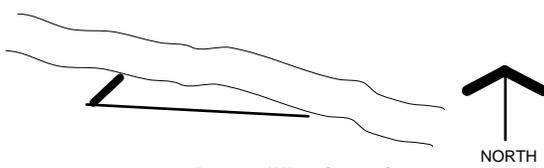
Date March 30, 2004

District Price, Utah

Resource Area

Activity (program) BBC Pipeline

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC	<b>4. Location</b> Township <u>12 S</u> Range <u>16 E</u> Section <u>8</u>	<b>5. Location Sketch</b>  5.6 miles east of Water Canyon Compressor See Technical Support Document
<b>2. Key Observation Point</b> Nine Mile Canyon Corridor 1, KOP 2, Alternative C - Buried Pipe		
<b>3. VRM Class</b> Class II		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	gentle, rolling, some exposed rock	compact, clumpy, homogenous, shrubs, taller (tamarisks)	4.5" +/- pipeline, rounded, cylindrical
<b>LINE</b>	indistinct - exposed roadside edge; road is line	diagonal and vertical branching in some; indistinct otherwise	horizontal (on surface), follows line of road
<b>COLOR</b>	light reddish-tan, trending lighter in road	grays, golds, faded gray-green	rust brown
<b>TEXTURE</b>	indistinct except road, everything from fine to medium to coarse	medium to coarse	smooth

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	regraded to similar undulations as existing	low (grasses); few shrubs	none (buried pipe)
<b>LINE</b>	regraded to similar undulation as existing	mostly indistinct, some diagonal and vertical branching; some line along edges of shrubs	none (buried pipe)
<b>COLOR</b>	where exposed, same as road	tans, grays, golds	none (buried pipe)
<b>TEXTURE</b>	smooth (as in road) until revegetated, then would be medium	more grasses (smooth to medium) fewer shrubs (medium to coarse)	none (buried pipe)

**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<b>2. Does project design meet visual resource management objectives?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)  <b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <small>see below</small>
	<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
	/	/	/	/	ST	LT	/	/	ST	LT	/	/	
	/	/	/	/	ST	LT	/	/	ST	LT	/	/	

**Evaluator's Names** -regrade to undulating as existing  
-revegetate effectively  
-use rock & downed vegetation to break up texture  
-minimize cleared corridor width  
-feather edges  
-create irregular edge of disturbance  
-keep disturbed area near road  
-recommend trenching to minimize disturbance width

R. Sweeten  
J. Ellsworth

March 30, 2004

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

Date April 02, 2004

District Price, Utah

Resource Area

Activity (program) BBC Pipeline

**VISUAL CONTRAST RATING WORKSHEET**

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC	<b>4. Location</b> Township 12 S Range 16 E Section 18	<b>5. Location Sketch</b>  0.3 miles south of Dry Canyon Compressor See Technical Support Document
<b>2. Key Observation Point</b> Dry Canyon Corridor 2, KOP 1, Alternative C- Buried Pipe		
<b>3. VRM Class</b> Class II		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	hilly, rolling, rounded (moderate), slightly convex; some undulation	shrubs: rounded, somewhat indistinct, semi-transparent, amorphous, short, trees: tall, compact; not clearly defined	none
<b>LINE</b>	curving ridgeline edge is continuous; slight undulations	complex, intricate in masses; silhouette vegetation line along ridge; soft	none
<b>COLOR</b>	light grays of exposed soil, some tan; very little exposed landform color	gray-greens; matte; some light gray to almost white; dark to light shadow areas define shrubs; subtle; harmonious	none
<b>TEXTURE</b>	moderate due to undulation; little landform texture revealed	fine to medium to coarse; dense; layered; clumped; matte	none

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	similar as existing if regraded and recontoured properly	forms more revealed along edge of disturbance; revegetation forms start smaller; discontinuous	none
<b>LINE</b>	ridgeline edge somewhat broken and less continuous; slight undulations if properly regraded and recontoured	distinct and continuous line along disturbance edge; broken ridgeline, vegetation line; converging disturbance edge lines	none
<b>COLOR</b>	much more prominent until revegetation is established; browns, tans and light grays	revegetation grasses and shrubs will have similar colors with subtle differences in value and chroma	none
<b>TEXTURE</b>	more landform texture revealed, medium texture; matte; stippled	more fine to medium in disturbed area of revegetation; denser edges, more sparse; uneven	none

**SECTION D. CONTRAST RATING  SHORT TERM  LONG TERM**

<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<b>2. Does project design meet visual resource management objectives?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)
	<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	<b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No see below
<b>ELEMENTS</b>	Form				ST	LT							
	Line				ST	LT							
	Color	ST	LT										
	Texture	ST	LT		ST	LT							
												<b>Evaluator's Names</b> K. Kvarfordt J. Ellsworth April 02, 2004	
												-regrade & recontour similar to existing landform -revegetate with shrubs, tubeling -use trencher equipment to minimize disturbed area width -consider if trencher crushing existing vegetation could still maintain vegetation color and texture short to medium term (0-10yrs)	

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**VISUAL CONTRAST RATING WORKSHEET**

Date April 03, 2004

District Price, Utah

Resource Area

Activity (program) BBC Pipeline

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC	<b>4. Location</b> Township 12 S Range 15 E Section 26	<b>5. Location Sketch</b>  4.0 miles south of Dry Canyon Compressor See Technical Support Document
<b>2. Key Observation Point</b> Dry Canyon Corridor 2, KOP 3, Alternative A&C, Dry Canyon Dropdown		
<b>3. VRM Class</b> Class II		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	Bold, rugged rock faces. Steep slope from top of ridge to canyon floor. Horizontal blocks and bands of rock.	Very complex and indistinct. Scattered, conical forms most prominent, with scattered, rounded clumps of vegetation intermixed.	No existing structure.
<b>LINE</b>	Complex but definite edge along rock faces. Jagged, rugged lines extend diagonal and horizontal across landform. Prominent ridgeline	Many complex edges interacting with stone and various vegetation. Transitioning from top to bottom of ridge. Strong silhouette line created by vegetation across top of ridge.	No existing structure.
<b>COLOR</b>	Brown to reddish tan. Dark to light values across faces. Warm colors, with much variety from dull to richer color	Dark green evergreens. Light green to grayish brown understory vegetation. Defined by value change from light to dark. Subtle mixtures of color, blending harmoniously.	No existing structure.
<b>TEXTURE</b>	Coarse and dense where visible (on rock faces). Rough with some directionality (horizontal). Matte finish. Rock is dominant.	Gradation from bottom to top of ridge, medium to coarse grain, and medium to coarse density. Clumped and scattered vegetation texture.	No existing structure.

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	No change in character.	No change in character.	Rounded, cylindrical form. Tubelike structure extending downward from top of ridge.
<b>LINE</b>	No change in character.	No change in character.	Very linear. Sweeping line, partially hidden and broken by prominent rock face. Line curves and angle changes responding to steepness of slope.
<b>COLOR</b>	No change in character.	No change in character.	Depends on time of day, angle and direction of light. Brown to reddish brown. light to dark value indicating form. Highlights and shadows increase visibility. Monotone.
<b>TEXTURE</b>	No change in character.	No change in character.	Smooth and matte. Very uniform texture across entire structure, where visible.

**SECTION D. CONTRAST RATING  SHORT TERM  LONG TERM**

<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<b>2. Does project design meet visual resource management objectives?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	<b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No see below
<b>ELEMENTS</b>													
Form													
Line													
Color													
Texture													
<b>Evaluator's Names</b> -line and form of structure to could be broken up more by proper placement through vegetation and behind ridgelines and rocks K. Kvarfordt J. Ellsworth April 03, 2004 -selectively paint pipe to blend with immediate surrounding rock and vegetation after pipe is installed													

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**VISUAL CONTRAST RATING WORKSHEET**

Date April 08, 2004

District Price, Utah

Resource Area

Activity (program) BBC Pipeline

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC	<b>4. Location</b> Township <u>12 S</u> Range <u>15 E</u> Section _____	<b>5. Location Sketch</b>  south of Dry Canyon Compressor See Technical Support Document
<b>2. Key Observation Point</b> Dry Canyon Corridor 2, KOP 4, Alternative A- burned surface expansion		
<b>3. VRM Class</b> Class II		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION (mature vegetation, not burned, LT)**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	hilly, rolling, rounded (moderate), slightly convex; some undulation	shrubs: rounded, somewhat indistinct, semi-transparent, amorphous, short trees: tall, compact; not clearly defined	none
<b>LINE</b>	curving ridgeline edge is continuous; slight undulations	complex, intricate in masses; silhouette vegetation line along ridge; soft	none
<b>COLOR</b>	light grays of exposed soil, some tan; very little exposed landform color	gray-greens; matte; some light gray to almost white; dark to light shadow areas define shrubs; subtle; harmonious	none
<b>TEXTURE</b>	moderate due to undulation; little landform texture revealed	fine to medium to coarse; dense; layered; clumped; matte	none

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	no change	no change	Larger rounded, cylindrical form. More prominent tubelike structure extending from immediate foreground into far foreground.
<b>LINE</b>	no change	no change	Bold, definitive, slightly curving into view. Becomes discontinuous and broken as it extends into vegetation.
<b>COLOR</b>	no change	no change	Depends on time of day, angle and direction of light. Brown to reddish brown. light to dark value indicating form. Highlights and shadows increase visibility. Monotone.
<b>TEXTURE</b>	no change	no change	Smooth and matte. Very uniform texture across entire structure, where visible.

**SECTION D. CONTRAST RATING  SHORT TERM  LONG TERM**

<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<b>2. Does project design meet visual resource management objectives?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)
	<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
<b>ELEMENTS</b>	Form									ST	LT	<b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No see below	
	Line									ST	LT		
	Color												
	Texture												
												<b>Evaluator's Names</b> K. Kvarfordt J. Ellsworth April 08, 2004	
												-use existing landform to screen pipe wherever possible -revegetate with shrubs, tubing	

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

Date April 08, 2004

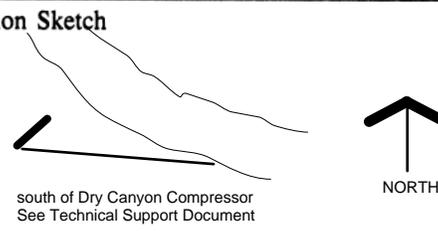
District Price, Utah

Resource Area

Activity (program) BBC Pipeline

**VISUAL CONTRAST RATING WORKSHEET**

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC	<b>4. Location</b> Township <u>12 S</u> Range <u>15 E</u> Section _____	<b>5. Location Sketch</b> 
<b>2. Key Observation Point</b> Dry Canyon Corridor 2, KOP 4, Alternative A- unburned surface expansion		
<b>3. VRM Class</b> Class II		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	hilly, rolling, rounded (moderate), slightly convex; some undulation	shrubs; rounded, somewhat indistinct; semi-transparent; amorphous, short, trees; tall, compact; not clearly defined	none
<b>LINE</b>	curving ridgeline edge is continuous; slight undulations	complex, intricate in masses; silhouette vegetation line along ridge; soft	none
<b>COLOR</b>	light grays of exposed soil, some tan; very little exposed landform color	gray-greens; matte; some light gray to almost white; dark to light shadow areas define shrubs; subtle; harmonious	none
<b>TEXTURE</b>	moderate due to undulation; little landform texture revealed	fine to medium to coarse; dense; layered; clumped; matte	none

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	no change	no change	Larger rounded, cylindrical form. More prominent tubelike structure extending from immediate foreground into far foreground.
<b>LINE</b>	no change	no change	Bold, definitive, slightly curving into view. Becomes discontinuous and broken as it extends into vegetation.
<b>COLOR</b>	no change	no change	Depends on time of day, angle and direction of light. Brown to reddish brown. light to dark value indicating form. Highlights and shadows increase visibility. Monotone.
<b>TEXTURE</b>	no change	no change	Smooth and matte. Very uniform texture across entire structure, where visible.

**SECTION D. CONTRAST RATING**  SHORT TERM  LONG TERM

<b>ELEMENTS</b>	<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<b>2. Does project design meet visual resource management objectives?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
		<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				<b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No see below
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
	Form			/				/				/		
	Line			/				/				/		
Color			/				/				/			
Texture			/				/				/			
<b>Evaluator's Names</b> K. Kvarfordt J. Ellsworth April 08, 2004 -screen pipe where possible with additional shrubs and tubelings														



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**VISUAL CONTRAST RATING WORKSHEET**

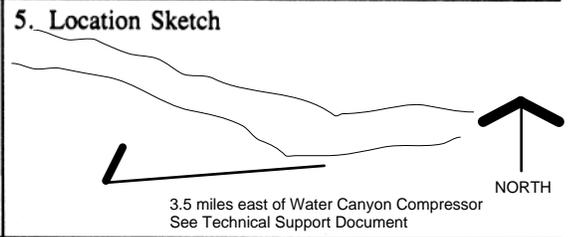
Date April 03, 2004

District Price, Utah

Resource Area

Activity (program) BBC Pipeline

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC	<b>4. Location</b> Township <u>12 S</u> Range <u>15 E</u> Section <u>12</u>	<b>5. Location Sketch</b> 
<b>2. Key Observation Point</b> Nine Mile Canyon Corridor 3, KOP 1, Alternative C - Buried pipe		
<b>3. VRM Class</b> Class II		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	Flat extending across majority of view, sloping upward at moderate slope to road and hill beyond.	Strong form defined by foreground and middleground vegetation, tapers from north to south. Rounded clumps define vegetation along road and up ridge to the north.	none
<b>LINE</b>	Simple lines in landform. Straight, horizontal line where valley floor meets ridge, curving upward along ridgeline north of the view. Soft, indistinct lines converging into the distance defining road.	Complex foreground edge defined by vegetation, very curving, broken. Soft horizontal line defined by top edge of vegetation. Some scattered strong horizontal lines define individual shrubs.	none
<b>COLOR</b>	Light tan to nearly white where exposed and highlighted by sun angle. Light patch of road in the middleground.	Prominent reddish gray/black of shrub mass. Light to dark Yellows and grayish greens define some foreground grasses and shrubs up slope on north.	none
<b>TEX-TURE</b>	Landform texture fine to medium where exposed.	Fine grass texture in foreground. Medium to fine as it extends into middleground mass. Some coarse, scattered textures along slope and road embankment on north.	none

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	Flat extending across majority of view, not much change from existing character. Much larger form apparent in foreground and extending into middle ground of view.	Major vegetative forms are rounded clumps, scattered along sides of disturbed area. Major vegetative form removed.	No structure present in view.
<b>LINE</b>	Soft lines defining road embankment are more prominent.	Vegetative edges converging into distance along area of disturbance are the most prominent. Line is soft but definitive.	No structure present in view.
<b>COLOR</b>	More light tan to nearly white visible where disturbance has occurred.	Much more yellow and grayish green. Reddish gray masses still present, but less prominent in view. Light to dark defines forms.	No structure present in view.
<b>TEX-TURE</b>	Much more fine to medium texture due to increased exposure.	Fine grass texture in foreground increased and continues into middleground of view. Coarse scattered textures along road embankment are more revealed.	No structure present in view.

**SECTION D. CONTRAST RATING  SHORT TERM  LONG TERM**

<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<b>2. Does project design meet visual resource management objectives?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)  <b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No see below
	<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
	Form	ST	LT		ST	LT			ST	LT			
	Line	ST	LT		ST	LT			ST	LT			
Color	ST	LT		ST	LT			ST	LT				
Texture	ST	LT		ST	LT			ST	LT				
<b>ELEMENTS</b>	<b>Evaluator's Names</b>												April 03, 2004  -use more accurate trenching techniques to disturb narrower area -feather vegetative edge of impact -produce a revegetation plan to include shrubs -carefully regrade and recontour to approximate original topography
	K. Kvarfordt J. Ellsworth												

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**VISUAL CONTRAST RATING WORKSHEET**

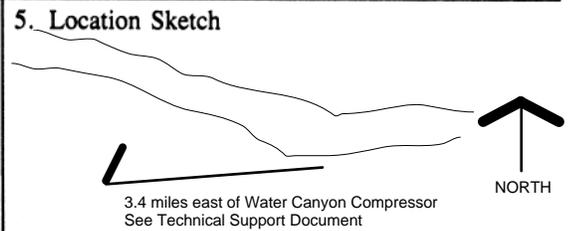
Date April 03, 2004

District Price, Utah

Resource Area

Activity (program) BBC Pipeline

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC	<b>4. Location</b> Township <u>12 S</u> Range <u>15 E</u> Section <u>12</u>	<b>5. Location Sketch</b> 
<b>2. Key Observation Point</b> Nine Mile Canyon - Stream Crossing Corridor 3, KOP 2, Alternative A - Surface Pipe Expansion		
<b>3. VRM Class</b> Class II		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	flat to rolling; slight slope except banks vertical and prominent; bank indicates stream	flat to rolling, bold and complex foreground; indistinct middleground and background; rounded middleground and background; clumps foreground; semi-transparent; strip background; diverse foreground	none
<b>LINE</b>	bold line of bank very horizontal; slightly curving streambank; simple	transitional edge foreground to middle/background, separated by streambank; middle/background mod. strong horizontal line of sage; foreground lines weak branches; road edge strong	none
<b>COLOR</b>	tan, brown, reddish-brown, light to dark depending on shadows; warm; dull; monotone harmonious	earth tones; reddish, yellows, sage green; unsaturated dull; subtle mixture; warm; low glare; patchy	none
<b>TEXTURE</b>	fine soils; medium to coarse where weathering; road fine; matte; discontinuous; contrasting	foreground coarse to medium; background fine to medium; matte	none

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	no change	slight variation to some vegetation due to crushing by direct placement of pipe	larger, round cylindrical form; more prominent tubelike structure; primarily foreground
<b>LINE</b>	no change	no change	bold, definitive, slightly curving into foreground view; becomes discontinuous and broken as extends into vegetation
<b>COLOR</b>	no change	no change	depends on time of day, angle and direction of light; brown to reddish brown, light to dark value indicating form; highlights and shadows increase visibility; monotone
<b>TEXTURE</b>	no change	no change	smooth and matte(when new); very uniform texture across entire structure where visible

**SECTION D. CONTRAST RATING  SHORT TERM  LONG TERM**

<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<b>2. Does project design meet visual resource management objectives?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	<b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No see below
	<b>ELEMENTS</b>	Form											
Line													
Color													
Texture													
<b>Evaluator's Names</b> K. Kvarfordt J. Ellsworth April 03, 2004													-carefully place pipe to maximize screening by existing vegetation -revegetate where necessary to increase vegetative screening by shrubs especially where existing shrubs are sparse

**UNITED STATES  
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Date April 01, 2004

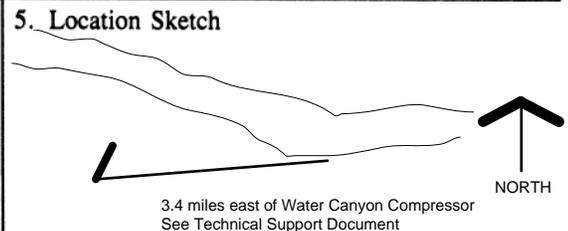
District Price, Utah

Resource Area

Activity (program) BBC Pipeline

**VISUAL CONTRAST RATING WORKSHEET**

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC	<b>4. Location</b> Township 12 S Range 15 E Section 12	<b>5. Location Sketch</b> 
<b>2. Key Observation Point</b> Nine Mile Canyon - Stream Crossing Corridor 3, KOP 2, Alternative C - Buried Pipe		
<b>3. VRM Class</b> Class II		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	flat to rolling; slight slope except bank vertical and prominent; bank indicates stream	flat to rolling, bold and complex foreground; indistinct middleground and background; rounded middleground and background; clumps foreground; semi-transparent; strip background; diverse foreground	none
<b>LINE</b>	bold line of bank very horizontal; slightly curving streambank; simple	transitional edge foreground to middle/background, separated by streambank; middle/background mod. strong horizontal line of sage; foreground lines weak branches; road edge strong	none
<b>COLOR</b>	tan, brown, reddish-brown, light to dark depending on shadows; warm; dull; monotone harmonious	earth tones; reddish, yellows, sage green; unsaturated dull; subtle mixture; warm; low glare; patchy	none
<b>TEXTURE</b>	fine soils; medium to coarse where weathering; road fine; matte; discontinuous; contrasting	foreground coarse to medium; background fine to medium; matte	none

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	similar to existing assuming will re-contour; stream maybe partially revealed in short term, embankment edge degraded; rounded, sloughed	low (grasses); indistinct corridor edge; limited clumping of shrubs; simple; amorphous	definite; rounded, cylindrical; foreshortened; distinct endpoints
<b>LINE</b>	cut edge of cliff will be gentler slope; exposing more soil and reflecting sun & shadow; more complex edge less bold	edge of corridor strong, bold; diagonal edge in perspective (converging)	diagonal; weak to bold depending on lighting; straight; simple; hard; continuous; parallel
<b>COLOR</b>	no change in color but more due to exposed soil at cut and short term scarcity of vegetation	earth tones; mostly grays and greens in short term; light values; low glare; dull, subtle	earth tones recommended; dull; warm; brownish-tan-reddish; shadows/value change due to cylindrical form; monotone; some highlights
<b>TEXTURE</b>	reduced medium to coarse texture due to short term revegetation scarcity in foreground and middleground; increased fine texture on embankment due to gentler slope	smooth short-term; gradational; subtle; sparse; matte; some stipple	smooth, fine; uniform; continuous; directional; matte

**SECTION D. CONTRAST RATING  SHORT TERM  LONG TERM**

<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<b>2. Does project design meet visual resource management objectives?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Explain on reverse side)
	<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				
	<b>Strong</b>	<b>Moderate</b>	<b>Weak</b>	<b>None</b>	<b>Strong</b>	<b>Moderate</b>	<b>Weak</b>	<b>None</b>	<b>Strong</b>	<b>Moderate</b>	<b>Weak</b>	<b>None</b>	<b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No see below
	<b>Form</b>				ST	LT							
<b>Line</b>				ST	LT			ST	LT				
<b>Texture</b>				ST	LT								
<b>ELEMENTS</b>													<b>Evaluator's Names</b> K. Kvarfordt J. Ellsworth April 01, 2004

- reveg to screen pipes with shrubs nearby
- stabilize escarpment, keep equipment away from edge to minimize disturbance
- include fast-growing shrubs in seed mix, tubing
- use trencher to avoid wide disturbance
- feather and vary edge of disturbance and be very selective in vegetation removal on edge

more diversity of color long-term depends on lighting could be moderate



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Date April 08, 2004

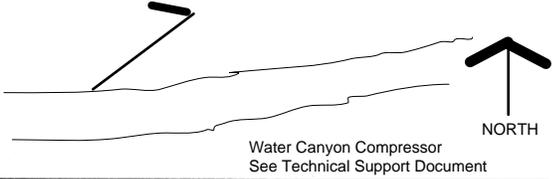
District Price, Utah

Resource Area

Activity (program) BBC Pipeline

**VISUAL CONTRAST RATING WORKSHEET**

**SECTION A. PROJECT INFORMATION**

<b>1. Project Name</b> Nine Mile Canyon, West Tavaputs BBC	<b>4. Location</b> Township <u>11 S</u> Range <u>15 E</u> Section <u>33</u>	<b>5. Location Sketch</b> 
<b>2. Key Observation Point</b> Nine Mile Canyon Corridor 3, KOP 3, Alternative C - Comp station removal		
<b>3. VRM Class</b> Class II		

**SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	prominent, bold, definite, distinct, rugged, steep,	spotty, patchy, prominent foreground masses, limited diversity	none
<b>LINE</b>	horizontal, regular, straight, repeating layers, parallel	weak, follows ridgelines and drainages, irregular, broken	none
<b>COLOR</b>	reddish brown, tans, gray white, prominent shadows, darks, vivid contrast with sky	foreground grays to gray-green; background juniper green	none
<b>TEXTURE</b>	mostly coarse, some fine to medium, directional, horizontal, high contrast, layered	foreground medium to coarse; background fine to medium, discontinuous, scattered	none

**SECTION C. PROPOSED ACTIVITY DESCRIPTION**

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
<b>FORM</b>	long-term return to characteristic landscape; short-term flat, regraded, obviously formed by humans	long-term return to characteristic landscape; short-term simple, amorphous, indistinct	none
<b>LINE</b>	long-term return to characteristic landscape; short-term straight, horizontal	long-term return to characteristic landscape; short-term weak, undulating, simple, broken	none
<b>COLOR</b>	long-term return to characteristic landscape; short-term tans, browns	long-term return to characteristic landscape; short-term scattered gray-green (mostly grasses)	none
<b>TEXTURE</b>	long-term return to characteristic landscape; short-term smooth to fine, uniform	long-term return to characteristic landscape; short-term fine, patchy, discontinuous, subtle	none

**SECTION D. CONTRAST RATING  SHORT TERM  LONG TERM**

<b>1. DEGREE OF CONTRAST</b>	<b>FEATURES</b>												<b>2. Does project design meet visual resource management objectives?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain on reverse side)
	<b>LAND/WATER BODY (1)</b>				<b>VEGETATION (2)</b>				<b>STRUCTURES (3)</b>				
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
<b>ELEMENTS</b>	Form												<b>3. Additional mitigating measures recommended</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No see below
	Line												
	Color												
	Texture												
													<b>Evaluator's Names</b> K. Kvarfordt J. Ellsworth April 08, 2004
													-regrade to undulating as existing -revegetate effectively with shrubs, tubelings -create irregular edge