Appendix A
Visual Contrast Rating Worksheets and Visual Simulations

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Natural Gas Generating

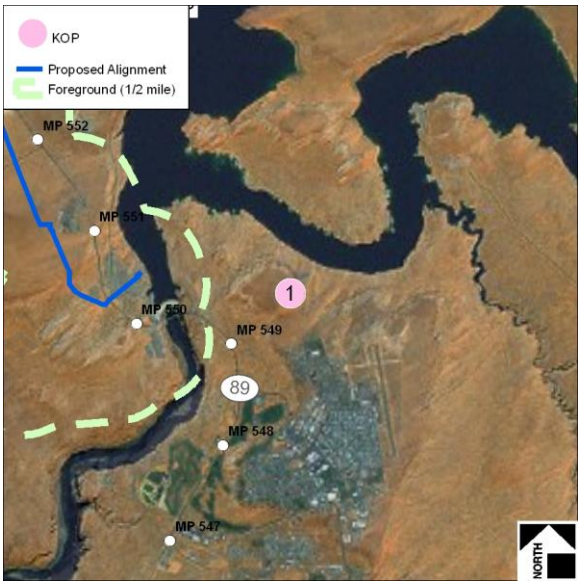
Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 1 **VRM:** N/A
Potato Hill

Location: Township 41N Range 9E Section 19
Notes: IPS, BPS-1 located within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, distinct, contrasting, flat roads, vertical utility poles/towers
Line	Horizontal, irregular, complex	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, beige
Texture	Fine to coarse, striated, random, and smooth to fine water surface	Medium to fine, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, slightly more distinct, contrasting, flat roads, vertical utility poles/towers
Line	Horizontal, slightly more regular, complex	Complex, slightly more distinct	More distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, and deep blue/green water, slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, gray, beige
Texture	Fine to coarse, striated, random, and smooth to fine water surface	Medium to fine, stippled to gradational	Fine

IV. CONTRAST RATING KOP 1

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5–10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to west from Potato hill.

View to north from Potato Hill.

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Electric Transmission System

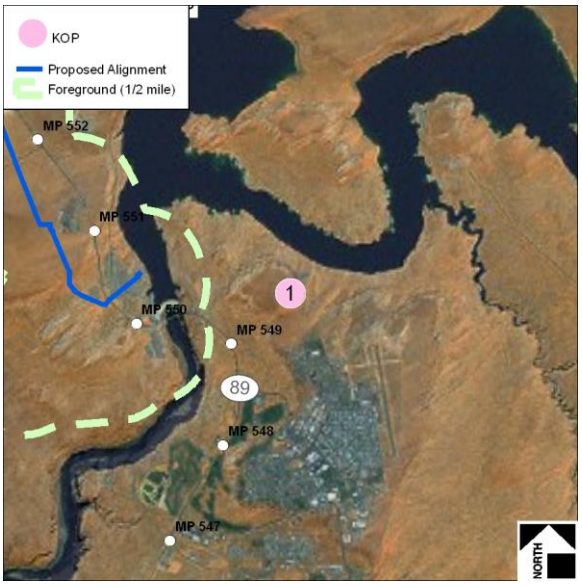
Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 1 **VRM:** N/A
Potato Hill

Location: Township 41N Range 9E Section 19
Notes: Intake Transmission Line, BPS-1 Transmission Line located within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, distinct, contrasting, flat roads, vertical utility poles/towers
Line	Horizontal, irregular, complex	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, beige
Texture	Fine to coarse, striated, random, and smooth to fine water surface	Medium to fine, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Vertical utility poles/towers
Line	Horizontal, slightly more regular, complex	Complex, slightly more distinct	Straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, and deep blue/green water, slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Brown, grey
Texture	Fine to coarse, striated, random, and smooth to fine water surface	Medium to fine, stippled to gradational	Fine, repetitive

IV. CONTRAST RATING KOP 1

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
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Note: ST = short term (0–1 year); LT = long term (5–10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to west from Potato hill.

View to north from Potato Hill.

Date: April 15, 2016
District: NPS-GCNRA
Proposed Water Pipeline Alternative(s): South Water Pipeline

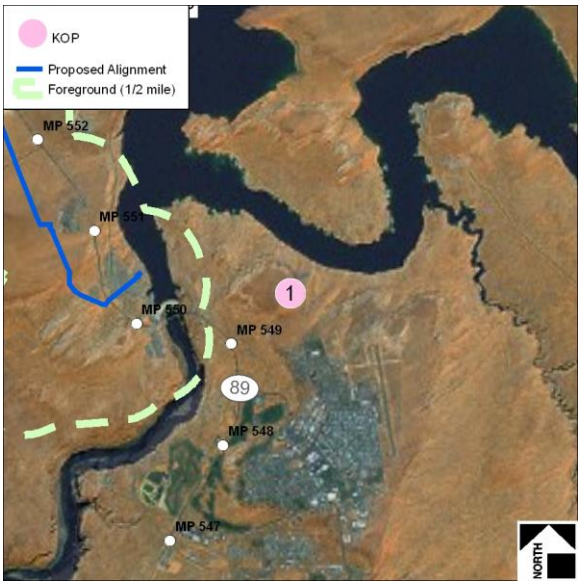
Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 1 **VRM:** N/A
Potato Hill

Location: Township 41N Range 9E Section 19
Notes: IPS, BPS-1 located within the middleground



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Color	Brown/beige, gray/white, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, beige
Texture	Fine to coarse, striated, random, and smooth to fine water surface	Medium to fine, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
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IV. CONTRAST RATING KOP 1

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Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
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Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5–10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to west from Potato hill.

View to north from Potato Hill.

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Natural Gas Generating

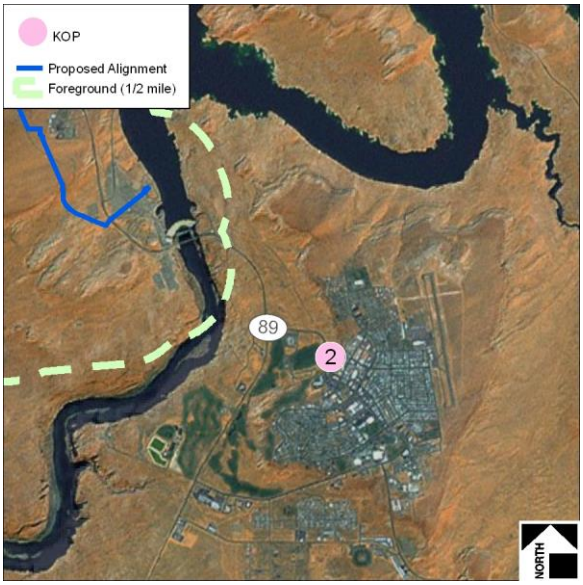
Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 2 **VRM:** N/A
Former McDonalds Parking Lot

Location: Township 41N Range 9E Section 30
Notes: IPS, BPS-1 located within the middleground



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Texture	Fine to coarse, striated, random, and smooth to fine water surface	Medium to fine, stippled to gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
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Texture	Fine to coarse, striated, random, and smooth to fine water surface	Medium to fine, stippled to gradational	Fine to medium

IV. CONTRAST RATING KOP 2

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
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LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0-1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to northwest from former McDonalds parking lot.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation
(South Water Pipeline and Electric Transmission

Five to Ten Year Post-Construction Conditions Simulation

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

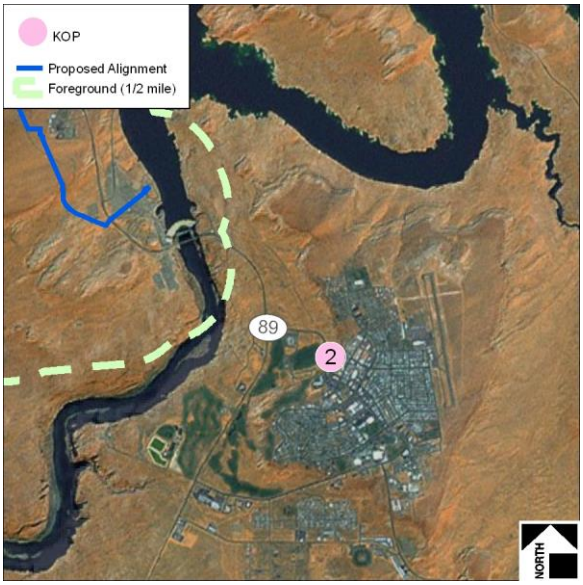
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 2 **VRM:** N/A
Former McDonalds Parking Lot

Location: Township 41N Range 9E Section 30

Notes: Intake Transmission Line and BPS-1 Transmission Line occur within the middleground



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Texture	Fine to coarse, striated, random, and smooth to fine water surface	Medium to fine, stippled to gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Vertical utility poles/towers
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Texture	Fine to coarse, striated, random, and smooth to fine water surface	Medium to fine, stippled to gradational	Fine to medium, repetitive

IV. CONTRAST RATING KOP 2

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0-1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to northwest from former McDonalds parking lot.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation
(South Water Pipeline and Electric Transmission

Five to Ten Year Post-Construction Conditions Simulation

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Date: April 15, 2016
District: NPS-GCNRA
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

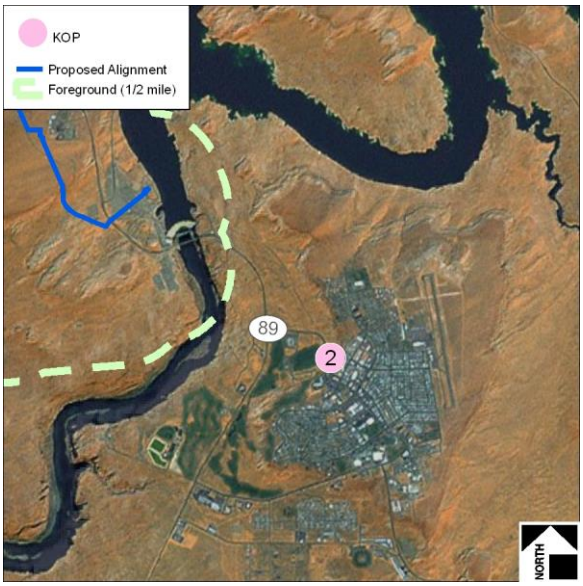
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 2 **VRM:** N/A
Former McDonalds Parking Lot

Location: Township 41N Range 9E Section 30

Notes: IPS, BPS-1 occurs within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

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Texture	Fine to coarse, striated, random, and smooth to fine water surface	Medium to fine, stippled to gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, slightly more distinct, contrasting, horizontal roads, vertical utility poles/towers
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Texture	Fine to coarse, striated, random, and smooth to fine water surface	Medium to fine, stippled to gradational	Fine to medium

IV. CONTRAST RATING KOP 2

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0-1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to northwest from former McDonalds parking lot.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation
(South Water Pipeline and Electric Transmission

Five to Ten Year Post-Construction Conditions Simulation

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline Facilities

KOP: 3 **VRM:** N/A
Gravel Pullout near Bridge

Location: Township 41N Range 8E Section 24

Notes: IPS, BPS-1 occur within the middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep landforms	Indistinct, low	Rectangular, distinct, contrasting, horizontal roads, vertical utility poles/towers and light poles
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Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, tan
Texture	Fine to coarse, striated, random	Medium to fine, stippled to gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep landforms	Indistinct, low	Rectangular, slightly more distinct, contrasting, horizontal roads, vertical utility poles/towers and light poles
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Color	Brown/beige, gray/white, orange, red, slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, gray, tan
Texture	Fine to coarse, striated, random	Medium to fine, stippled to gradational	Fine to medium

IV. CONTRAST RATING KOP 3

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
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Note: ST = short term (0-1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to northwest from gravel pullout near bridge.

View to southwest from gravel pullout near bridge.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Five to Ten Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Date: April 15, 2016
District: NPS-GCNRA
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

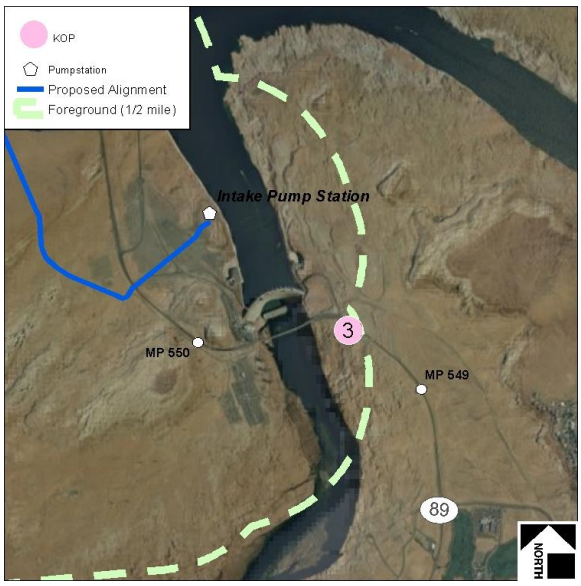
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline Facilities

KOP: 3 **VRM:** N/A
Gravel Pullout near Bridge

Location: Township 41N Range 8E Section 24

Notes: IPS, BPS-1 occurs within the middleground



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Form	Rolling w/ steep landforms	Indistinct, low	Rectangular, slightly more distinct, contrasting, horizontal roads, vertical utility poles/towers and light poles
Line	Horizontal, slightly more regular, complex	Complex, slightly more distinct	More distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, gray, tan
Texture	Fine to coarse, striated, random	Medium to fine, stippled to gradational	Fine to medium

IV. CONTRAST RATING KOP 3

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0-1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to northwest from gravel pullout near bridge.

View to southwest from gravel pullout near bridge.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 3 **VRM:** N/A
Gravel Pullout near Bridge

Location: Township 41N Range 8E Section 24

Notes: Intake Transmission Line and BPS-1 Transmission Line occur within the foreground/ middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep landforms	Indistinct, low	Rectangular, distinct, contrasting, horizontal roads, vertical utility poles/towers and light poles
Line	Horizontal, irregular, complex	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, tan
Texture	Fine to coarse, striated, random	Medium to fine, stippled to gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep landforms	Indistinct, low	Vertical utility poles/towers and light poles
Line	Horizontal, slightly more regular, complex	Complex, slightly more distinct	More distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Brown, grey
Texture	Fine to coarse, striated, random	Medium to fine, stippled to gradational	Fine to medium, repetitive

IV. CONTRAST RATING KOP 3

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0-1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to northwest from gravel pullout near bridge.

View to southwest from gravel pullout near bridge.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Natural Gas Generating

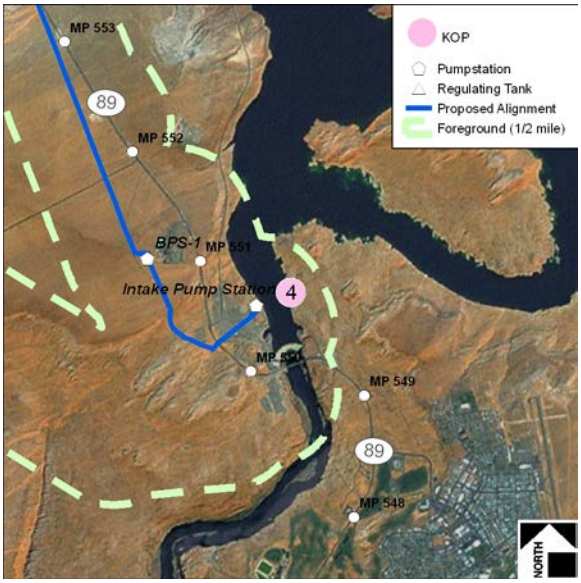
Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 4 **VRM:** N/A
Chains Day Use Area

Location: Township 41N Range 8E Section 24
Notes: IPS located within the foreground; BPS1 located within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, horizontal and curved dam/bridge, and repeating vertical poles/towers
Line	Horizontal, irregular, complex	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, horizontal and curved dam/bridge, bold rectilinear intake structure, and repeating vertical poles/towers
Line	Horizontal, slightly more regular, complex	Complex, slightly more distinct	More distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red, and deep blue/green water, slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed area	Gray, brown/beige
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Fine to medium

IV. CONTRAST RATING KOP 4

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to south from chains day use area.

View to southwest from chains day use area.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Five to Ten Years Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Five to Ten Years Post-Construction Conditions Simulation—Panoramic View
(Natural Gas Supply Line and Generator Alternative)

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

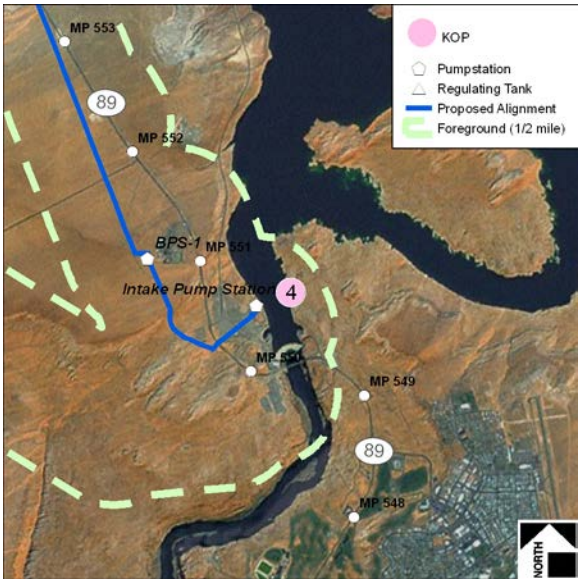
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 4 **VRM:** N/A
Chains Day Use Area

Location: Township 41N Range 8E Section 24

Notes: Intake Transmission Line occurs within the foreground; BPS-1 Transmission Line occurs within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, horizontal and curved dam/bridge, and repeating vertical poles/towers
Line	Horizontal, irregular, complex	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Vertical utility poles/towers
Line	Horizontal, slightly more regular, complex	Complex, slightly more distinct	Straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red, and deep blue/green water, slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed area	Brown, grey
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Fine, repetitive

IV. CONTRAST RATING KOP 4

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to south from chains day use area.

View to southwest from chains day use area.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation—Panoramic View

Date: April 15, 2016
District: NPS-GCNRA
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

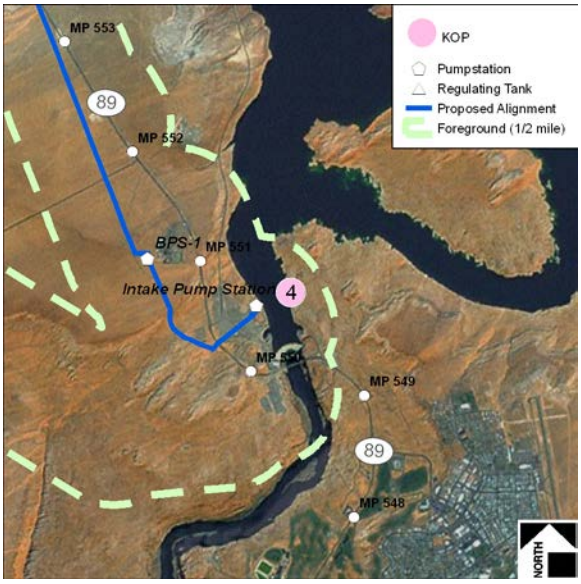
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 4 **VRM:** N/A
Chains Day Use Area

Location: Township 41N Range 8E Section 24

Notes: IPS occurs in the foreground; BPS-1 occurs in the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, horizontal and curved dam/bridge, and repeating vertical poles/towers
Line	Horizontal, irregular, complex	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, horizontal and curved dam/bridge, bold rectilinear intake structure, and repeating vertical poles/towers
Line	Horizontal, slightly more regular, complex	Complex, slightly more distinct	More distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red, and deep blue/green water, slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed area	Gray, brown/beige
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Fine to medium

IV. CONTRAST RATING KOP 4

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to south from chains day use area.

View to southwest from chains day use area.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

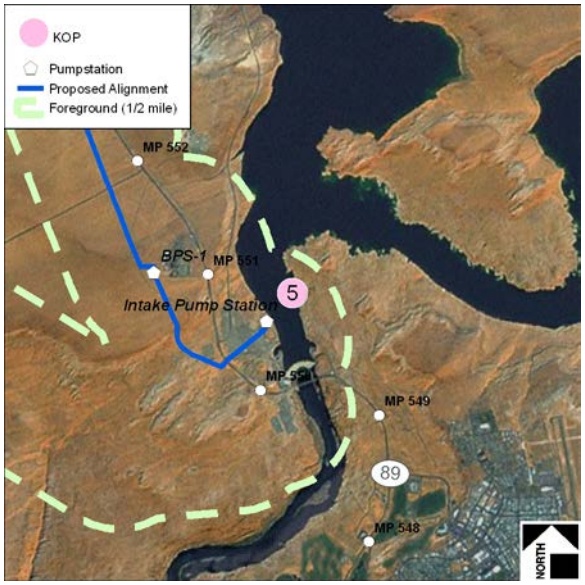
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 5 **VRM:** N/A
Lake Powell Lake Surface

Location: Township 41N Range 8E Section 24

Notes: IPS occurs within the foreground; BPS-1 occurs in the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, horizontal and curved dam/bridge, and repeating vertical poles/towers
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, horizontal and curved dam/bridge, bold rectilinear intake structure, and repeating vertical poles/towers
Line	Horizontal, slightly more regular, complex	Complex, slightly more distinct	Bold, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red- slightly lighter where disturbed, deep blue/green water	Green to blue/gray, seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige, solid building color
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Medium structure, smooth building surfaces

IV. CONTRAST RATING KOP 5

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0-1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View northwest from Chains Day Use Area

View south from Chains Day Use Area

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation—Panoramic View

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Five to Ten Years Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

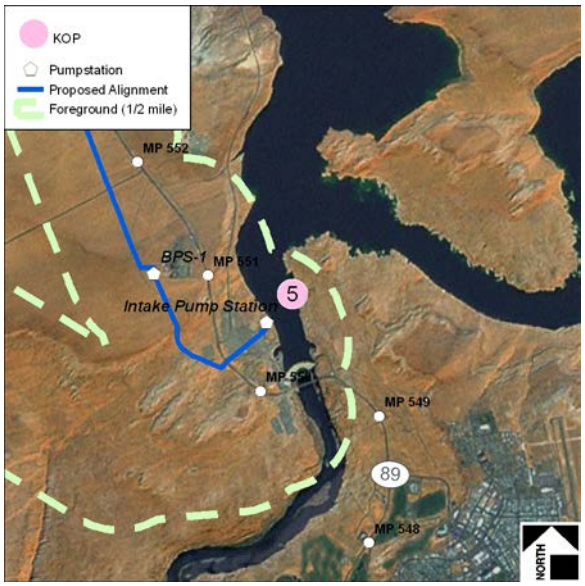
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 5 **VRM:** N/A
Lake Powell Lake Surface

Location: Township 41N Range 8E Section 24

Notes: Intake Transmission Line occurs within foreground; BPS-1 Transmission Line occurs within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, horizontal and curved dam/bridge, and repeating vertical poles/towers
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Vertical utility poles/towers
Line	Horizontal, slightly more regular, complex	Complex, slightly more distinct	Straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red- slightly lighter where disturbed, deep blue/green water	Green to blue/gray, seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Brown, grey
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Fine, repetitive

IV. CONTRAST RATING KOP 5

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0-1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View northwest from Chains Day Use Area

View south from Chains Day Use Area

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation—Panoramic View

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Five to Ten Years Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Date: April 15, 2016
District: NPS-GCNRA
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

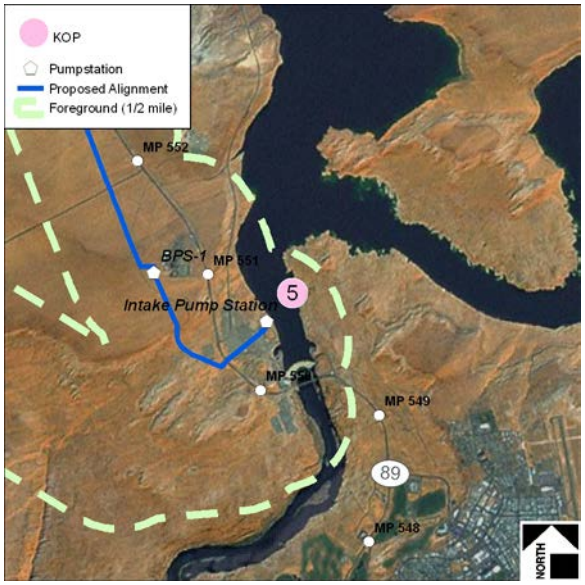
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 5 **VRM:** N/A
Lake Powell Lake Surface

Location: Township 41N Range 8E Section 24

Notes: IPS occurs in the foreground; BPS-1 occurs within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, horizontal and curved dam/bridge, and repeating vertical poles/towers
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ steep cliff faces and landforms	Indistinct, low	Rectangular, horizontal and curved dam/bridge, bold rectilinear intake structure, and repeating vertical poles/towers
Line	Horizontal, slightly more regular, complex	Complex, slightly more distinct	Bold, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, green, orange, red- slightly lighter where disturbed, deep blue/green water	Green to blue/gray, seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige, solid building color
Texture	Fine to coarse, with smooth to coarse water surface	Medium to fine, sparse to stippled and gradational	Medium structure, smooth building surfaces

IV. CONTRAST RATING KOP 5

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0-1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View northwest from Chains Day Use Area

View south from Chains Day Use Area

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation—Panoramic View

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

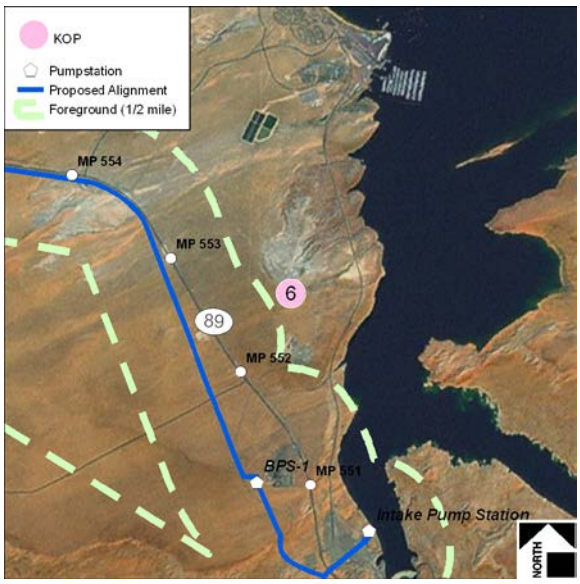
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 6 **VRM:** N/A
Wahweap Overlook

Location: Township 41N Range 8E Section 11

Notes: Pipeline and BPS-1 occur within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ deep cut valleys and steep cliff faces	Indistinct, low, amorphous	Rectangular, distinct, contrasting, horizontal roads, vertical poles/towers
Line	Horizontal, irregular, complex	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse, with smooth to fine water surface	Fine to medium, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ deep cut valleys and steep cliff faces	Indistinct, low, amorphous	Rectangular, slightly more distinct, contrasting, horizontal roads, vertical poles/towers
Line	Horizontal, more regular, complex	Complex, more distinct	Bold, straight, geometric, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, and deep blue/green water, slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, Gray, brown/beige, solid building color
Texture	Fine to coarse, with smooth to fine water surface	Fine to medium, stippled to gradational	Fine

IV. CONTRAST RATING KOP 6

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from Wahweep Overlook

View South form Wahweep Overlook

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Year Post-Construction Conditions Simulation

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Electric Transmission System

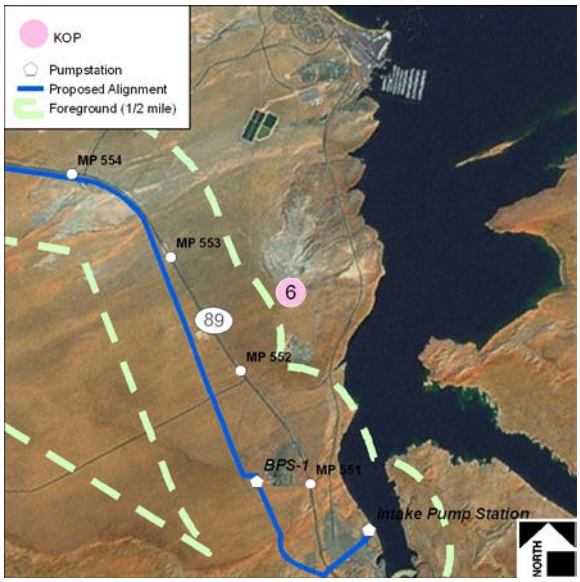
Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 6 **VRM:** N/A
Wahweap Overlook

Location: Township 41N Range 8E Section 11
Notes: Glen Canyon to Buckskin Transmission Line and BPS-1 Transmission Line occur within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ deep cut valleys and steep cliff faces	Indistinct, low, amorphous	Rectangular, distinct, contrasting, horizontal roads, vertical poles/towers
Line	Horizontal, irregular, complex	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse, with smooth to fine water surface	Fine to medium, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ deep cut valleys and steep cliff faces	Indistinct, low, amorphous	Vertical utility poles/towers
Line	Horizontal, more regular, complex	Complex, more distinct	Vertical utility poles/towers; geometric
Color	Brown/beige, gray/white, orange, red, and deep blue/green water, slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Brown, grey
Texture	Fine to coarse, with smooth to fine water surface	Fine to medium, stippled to gradational	Fine, repetitive

IV. CONTRAST RATING KOP 6

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from Wahweep Overlook

View South form Wahweep Overlook

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Constructions Simulation

Date: April 15, 2016
District: NPS-GCNRA
Proposed Water Pipeline Alternative(s): South Water Pipeline

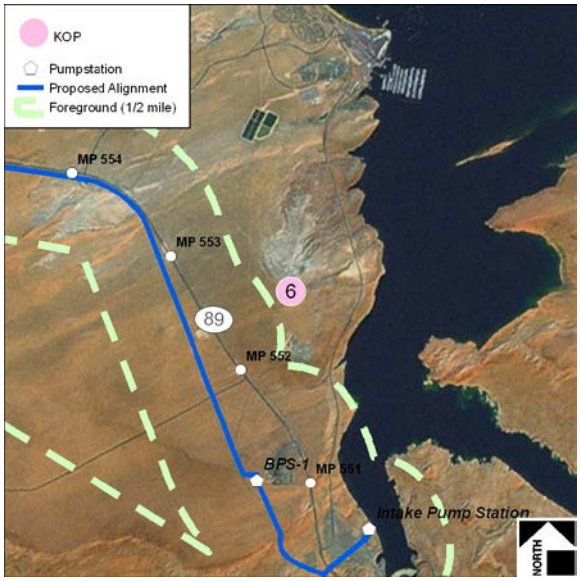
Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 6 **VRM:** N/A
Wahweap Overlook

Location: Township 41N Range 8E Section 11
Notes: Pipeline and BPS-1 occur within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ deep cut valleys and steep cliff faces	Indistinct, low, amorphous	Rectangular, distinct, contrasting, horizontal roads, vertical poles/towers
Line	Horizontal, irregular, complex	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, and deep blue/green water	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse, with smooth to fine water surface	Fine to medium, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ deep cut valleys and steep cliff faces	Indistinct, low, amorphous	Rectangular, slightly more distinct, contrasting, horizontal roads, vertical poles/towers
Line	Horizontal, more regular, complex	Complex, more distinct	Bold, straight, geometric, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, and deep blue/green water, slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, Gray, brown/beige, solid building color
Texture	Fine to coarse, with smooth to fine water surface	Fine to medium, stippled to gradational	Fine

IV. CONTRAST RATING KOP 6

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from Wahweep Overlook

View South form Wahweep Overlook

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Constructions Simulation

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 7 **VRM:** N/A
Highway 89 at Blue Pool Wash

Location: Township 43S Range 3E Section 32
Notes: Pipeline occurs within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	Rectangular, distinct, contrasting, horizontal road, vertical fence posts and utility poles
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse	Medium to fine, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	N/A
Line	Horizontal, more distinct, complex	Complex, more distinct	N/A
Color	Brown/beige, gray/white, orange, red – Slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow – Bright green in disturbed areas	N/A
Texture	Fine to coarse	Medium to fine, stippled to gradational	N/A

IV. CONTRAST RATING KOP 7

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northwest from US 89/Larkspur Intersection

View Northwest from Larkspur Road

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 7 **VRM:** N/A
Highway 89 at Blue Pool Wash

Location: Township 43S Range 3E Section 32

Notes: Glen Canyon to Buckskin Transmission Line and BPS-2 Transmission Line occur within the middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	Rectangular, distinct, contrasting, horizontal road, vertical fence posts and utility poles
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse	Medium to fine, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	Vertical utility poles/towers; geometric
Line	Horizontal, more distinct, complex	Complex, more distinct	Straight, geometric, repeating vertical
Color	Brown/beige, gray/white, orange, red – Slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow – Bright green in disturbed areas	White, grey
Texture	Fine to coarse	Medium to fine, stippled to gradational	Fine to medium, repetitive

IV. CONTRAST RATING KOP 7

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northwest from US 89/Larkspur Intersection

View Northwest from Larkspur Road

Date: April 15, 2016
District: NPS-GCNRA
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 7 **VRM:** N/A
Highway 89 at Blue Pool Wash

Location: Township 43S Range 3E Section 32
Notes: Pipeline occurs within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	Rectangular, distinct, contrasting, horizontal road, vertical fence posts and utility poles
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse	Medium to fine, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	N/A
Line	Horizontal, more distinct, complex	Complex, more distinct	N/A
Color	Brown/beige, gray/white, orange, red – Slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow – Bright green in disturbed areas	N/A
Texture	Fine to coarse	Medium to fine, stippled to gradational	N/A

IV. CONTRAST RATING KOP 7

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northwest from US 89/Larkspur Intersection

View Northwest from Larkspur Road

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 8 **VRM:** N/A
Highway 89/Larkspur Road Intersection

Location: Township 43S Range 3E Section 32

Notes: Pipeline occurs within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	Rectangular, distinct, contrasting, horizontal road, vertical fence posts and utility poles
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse	Medium to fine, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	N/A
Line	Horizontal, more distinct, complex	Complex, more distinct	N/A
Color	Brown/beige, gray/white, orange, red – Slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow – Bright green in disturbed areas	N/A
Texture	Fine to coarse	Medium to fine, stippled to gradational	N/A

IV. CONTRAST RATING KOP 8

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northwest from US 89/Larkspur Intersection

View Northwest from Larkspur Road

Date: April 15, 2016
District: NPS-GCNRA
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 8 **VRM:** N/A
Highway 89/Larkspur Road Intersection

Location: Township 43S Range 3E Section 32
Notes: Glen Canyon to Buckskin Transmission Line and BPS-2 Transmission Line occur within the middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	Rectangular, distinct, contrasting, horizontal road, vertical fence posts and utility poles
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse	Medium to fine, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	Straight, horizontal and repeating vertical
Line	Horizontal, more distinct, complex	Complex, more distinct	Straight, geometric, repeating vertical
Color	Brown/beige, gray/white, orange, red – Slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow – Bright green in disturbed areas	White, gray, silver
Texture	Fine to coarse	Medium to fine, stippled to gradational	Fine to medium; repetitive

IV. CONTRAST RATING KOP 8

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northwest from US 89/Larkspur Intersection

View Northwest from Larkspur Road

Date: April 15, 2016
District: NPS-GCNRA
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 8 **VRM:** N/A
Highway 89/Larkspur Road Intersection

Location: Township 43S Range 3E Section 32

Notes: Pipeline occurs within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	Rectangular, distinct, contrasting, horizontal road, vertical fence posts and utility poles
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse	Medium to fine, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs and buttes	Indistinct, low	N/A
Line	Horizontal, more distinct, complex	Complex, more distinct	N/A
Color	Brown/beige, gray/white, orange, red – Slightly lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow – Bright green in disturbed areas	N/A
Texture	Fine to coarse	Medium to fine, stippled to gradational	N/A

IV. CONTRAST RATING KOP 8

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on GCNRA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northwest from US 89/Larkspur Intersection

View Northwest from Larkspur Road

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

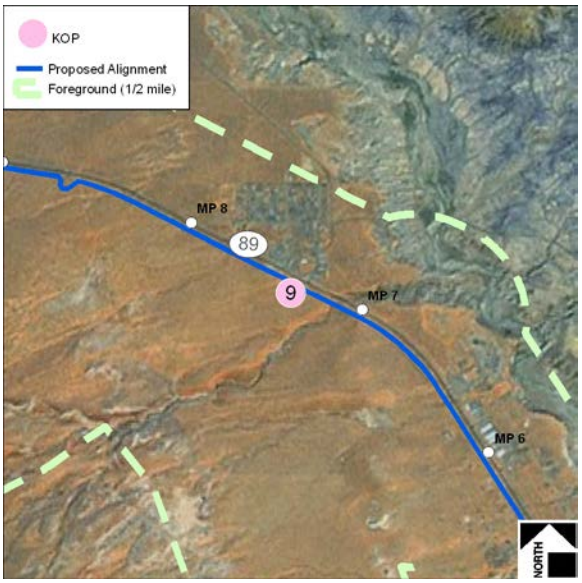
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 9 **VRM:** N/A
GSENM Visitor Center

Location: Township 43S Range 2E Section 14

Notes: Pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	Indistinct, low	Rectangular, distinct, contrasting, horizontal road, vertical fence posts, utility poles, and street lights
Line	Horizontal, gently curving, indistinct	Complex, indistinct	Bold, straight, horizontal, curvilinear, and repeating vertical
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine	Medium to fine, stippled to gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	More distinct, low	Rectangular, geometric
Line	Horizontal, gently curving, more distinct	Complex, more distinct	Straight, horizontal, and repeating vertical
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, gray, brown/beige
Texture	Fine	Medium to fine, stippled to gradational	Fine to indistinct

IV. CONTRAST RATING KOP 9

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable

Additional mitigation measures recommended? ☐ Yes ☒ No

View of GSENM Visitor Center

View West from GSENM Visitor Center Entrance

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Electric Transmission System

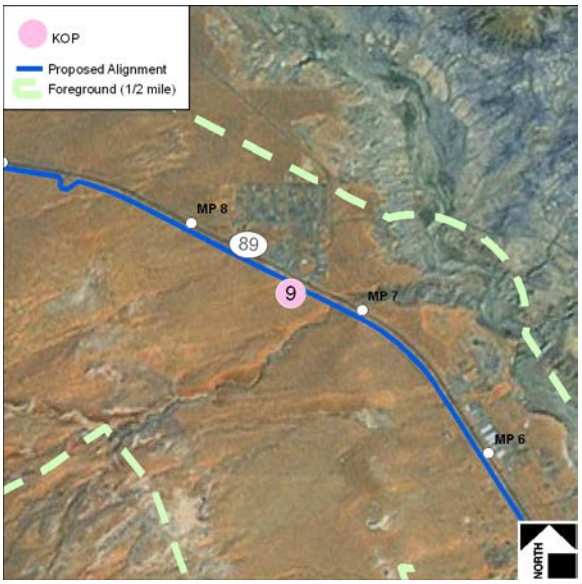
Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 9 **VRM:** N/A
GSENM Visitor Center

Location: Township 43S Range 2E Section 14
Notes: BPS-2 Transmission Line occurs within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	Indistinct, low	Rectangular, distinct, contrasting, horizontal road, vertical fence posts, utility poles, and street lights
Line	Horizontal, gently curving, indistinct	Complex, indistinct	Bold, straight, horizontal, curvilinear, and repeating vertical
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine	Medium to fine, stippled to gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	More distinct, low	Straight, horizontal and repeating vertical
Line	Horizontal, gently curving, more distinct	Complex, more distinct	Bold, straight, horizontal, and repeating vertical
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, gray, silver
Texture	Fine	Medium to fine, stippled to gradational	Fine to medium, repetitive

IV. CONTRAST RATING KOP 9

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable

Additional mitigation measures recommended? ☐ Yes ☒ No

View of GSENM Visitor Center

View West from GSENM Visitor Center Entrance

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

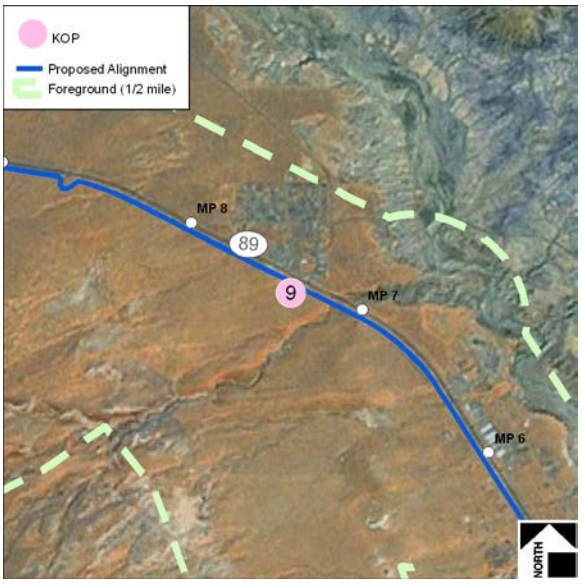
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 9 **VRM:** N/A
GSENM Visitor Center

Location: Township 43S Range 2E Section 14

Notes: Pipeline occurs within the foreground; BPS-2 occurs within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	Indistinct, low	Rectangular, distinct, contrasting, horizontal road, vertical fence posts, utility poles, and street lights
Line	Horizontal, gently curving, indistinct	Complex, indistinct	Bold, straight, horizontal, curvilinear, and repeating vertical
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine	Medium to fine, stippled to gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	More distinct, low	Rectangular, geometric
Line	Horizontal, gently curving, more distinct	Complex, more distinct	Straight, horizontal, and repeating vertical
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, gray, brown/beige
Texture	Fine	Medium to fine, stippled to gradational	Fine to indistinct

IV. CONTRAST RATING KOP 9

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable

Additional mitigation measures recommended? ☐ Yes ☒ No

View of GSENM Visitor Center

View West from GSENM Visitor Center Entrance

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

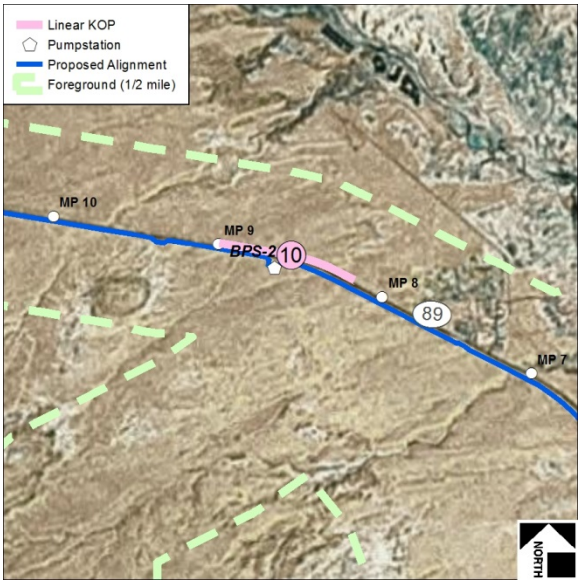
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 10 **VRM:** N/A
BPS- 2 from Highway 89 EB and WB

Location: Township 43S Range 2E Section 14

Notes: Pipeline and BPS-2 occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	Indistinct, low	Distinct, horizontal road, vertical fence posts, utility poles
Line	Horizontal, gently curving, indistinct	Complex, indistinct	Distinct, straight, horizontal, and repeating vertical
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine	Medium to fine, stippled to gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	More distinct, low	Geometric, distinct, contrasting, horizontal road, vertical fence posts, utility poles, and street lights
Line	Horizontal, gently curving, more distinct	Complex, more distinct	Bold, straight, geometric, horizontal, and repeating vertical
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, gray, brown/beige, solid building color
Texture	Fine	Medium to fine, stippled to gradational	Fine to medium

IV. CONTRAST RATING KOP 10

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on SITLA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from US 89 Near Proposed BPS-2 Location

View West from US 89 Near Proposed BPS-2 Location

BPS 2 from US 89 Eastbound

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Five to Ten Years Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

BPS 2 from US 89 Westbound

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Five to Ten Years Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Electric Transmission System

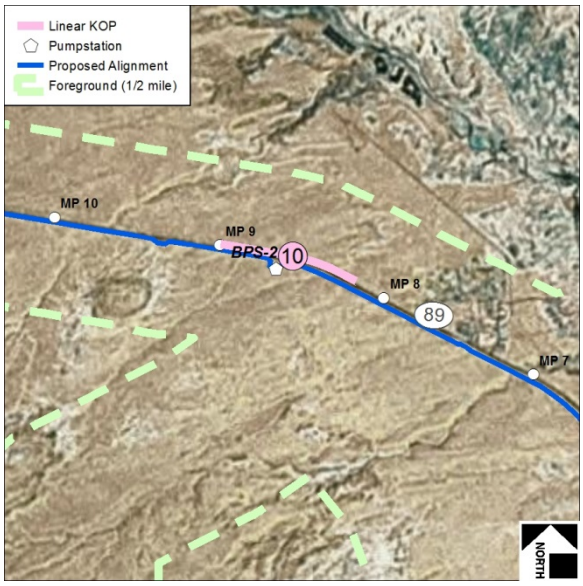
Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 10 **VRM:** N/A
BPS 2 from Highway 89 EB and WB

Location: Township 43S Range 2E Section 14
Notes: BPS-2 Transmission Line occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	Indistinct, low	Distinct, horizontal road, vertical fence posts, utility poles
Line	Horizontal, gently curving, indistinct	Complex, indistinct	Distinct, straight, horizontal, and repeating vertical
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine	Medium to fine, stippled to gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	More distinct, low	Geometric, distinct, contrasting, horizontal road, vertical fence posts, utility poles, and street lights
Line	Horizontal, gently curving, more distinct	Complex, more distinct	Bold, straight, geometric, horizontal, and repeating vertical
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, gray, brown/beige, solid building color
Texture	Fine	Medium to fine, stippled to gradational	Fine to medium

IV. CONTRAST RATING KOP 10

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on SITLA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from US 89 Near Proposed BPS-2 Location

View West from US 89 Near Proposed BPS-2 Location

BPS 2 from US 89 Eastbound

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation
(Electrical Transmission System)

Five to Ten Years Post-Construction Conditions Simulation
(Electrical Transmission System)

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Five to Ten Years Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

BPS 2 from US 89 Westbound

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation
(Electrical Transmission System)

Five to Ten Years Post-Construction Conditions Simulation
(Electrical Transmission System)

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Five to Ten Years Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 10 **VRM:** N/A
BPS 2 from Highway 89 EB and WB

Location: Township 43S Range 2E Section 14

Notes: Pipeline and BPS-2 occur within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	Indistinct, low	Distinct, horizontal road, vertical fence posts, utility poles
Line	Horizontal, gently curving, indistinct	Complex, indistinct	Distinct, straight, horizontal, and repeating vertical
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine	Medium to fine, stippled to gradational	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs in distance	More distinct, low	Geometric, distinct, contrasting, horizontal road, vertical fence posts, utility poles, and street lights
Line	Horizontal, gently curving, more distinct	Complex, more distinct	Bold, straight, geometric, horizontal, and repeating vertical
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, gray, brown/beige, solid building color
Texture	Fine	Medium to fine, stippled to gradational	Fine to medium

IV. CONTRAST RATING KOP 10

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☒	☐	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on SITLA lands

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from US 89 Near Proposed BPS-2 Location

View West from US 89 Near Proposed BPS-2 Location

BPS 2 from US 89 Eastbound

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

BPS 2 from US 89 Westbound

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Kanab
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 11b **VRM:** Class 4
BPS-3 (Alt.) from Eastbound Highway 89

Location: Township 42S Range 1E Section 31

Notes: Natural gas pipeline and BPS-3 (Alt.) occur within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Indistinct, low	Distinct, vertical fence posts
Line	Horizontal, softly curving, diffused, indistinct	Complex, slightly more distinct	Distinct, straight, horizontal, and repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Low, more distinct	Rectangular, distinct, vertical utility poles/towers/fence posts
Line	Horizontal, softly curving, diffused more distinct	Complex, slightly more distinct	Bold, straight, horizontal, and increased number of repeating vertical
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige, solid building color
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Fine to medium, rigid building surfaces, repetitive stacks

IV. CONTRAST RATING KOP 11B

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☒	☐	☐	☐	☐	☒	☒	☐	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

Summary and Recommendations

View Southeast from US 89/Cottonwood Road Intersection

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Five to Ten Years Post-Construction Conditions Simulation
(Natural Gas Supply Line and Generator Alternative)

Date: April 15, 2016
District: Kanab
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 11b VRM: Class 4
BPS-3 (Alt.) from Eastbound Highway 89

Location: Township 42S Range 1E Section 31

Notes: BPS-3 (Alt.) Transmission Line occurs within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Indistinct, low	Distinct, vertical fence posts
Line	Horizontal, softly curving, diffused, indistinct	Complex, slightly more distinct	Distinct, straight, horizontal, and repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Low, more distinct	Straight, horizontal and repeating vertical
Line	Horizontal, softly curving, diffused more distinct	Complex, slightly more distinct	Straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Brown, grey
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Fine to medium; repetitive

IV. CONTRAST RATING KOP 11B

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from US 89/Cottonwood Road Intersection

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Year Post-Construction Conditions Simulation

Date: March 29, 2016
District: Kanab
Resource Area:
Activity (program): Water Pipeline/Transmission Lines
Evaluators: Chris Bockey, Diane Simpson Colebank

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 11b **VRM:** Class 4
BPS-3 (Alt.) from Eastbound Highway 89

Location: Township 42S Range 1E Section 31

Notes: BPS-3 (Alt.) and water pipeline occur within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Indistinct, low	Distinct, vertical fence posts
Line	Horizontal, softly curving, diffused, indistinct	Complex, slightly more distinct	Distinct, straight, horizontal, and repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Low, more distinct	Rectangular, distinct, vertical utility poles/towers/fence posts
Line	Horizontal, softly curving, diffused more distinct	Complex, slightly more distinct	Bold, straight, horizontal, and increased number of repeating vertical
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige, solid building color
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Rigid building surfaces; clustered

IV. CONTRAST RATING KOP 11B

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☒	☒	☐	☐	☐	☒	☒	☐	☐	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☒	☐	☐	☐	☐	☒	☒	☐	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from US 89/Cottonwood Road Intersection

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Kanab
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 12b **VRM:** Class 4
BPS 3 (Alt.) from Cottonwood Road

Location: Township 42S Range 1E Section 31

Notes: BPS-3 (Alt.) and natural gas pipeline occur within the middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Indistinct, low	Flat roads, distinct, vertical utility poles/towers
Line	Horizontal, softly curving	Complex, indistinct	Distinct, straight to curved, horizontal, and repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Low, more distinct	Rectangular building structure, flat roads, distinct, vertical utility poles/towers
Line	Horizontal, softly curving	Complex, slightly more distinct	Distinct, straight to curved, geometric, horizontal, and increased number of repeating verticals
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige, solid building color
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Fine to medium, rigid building; repetitive stacks

IV. CONTRAST RATING KOP 12B

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☒ Yes ☐ No

Additional mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

View Southeast from Cottonwood Road

View Southwest from Cottonwood Road

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Kanab
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 12b **VRM:** Class 4
BPS 3 (Alt.) from Cottonwood Road

Location: Township 42S Range 1E Section 31
Note: BPS-3 (Alt.) Transmission Line occurs within the middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Indistinct, low	Flat roads, distinct, vertical utility poles/towers
Line	Horizontal, softly curving	Complex, indistinct	Distinct, straight to curved, horizontal, and repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Low, more distinct	Straight, horizontal and repeating vertical
Line	Horizontal, softly curving	Complex, slightly more distinct	Straight, horizontal and repeating vertical, continuous
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Fine to medium, repetitive

IV. CONTRAST RATING KOP 12B

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from Cottonwood Road

View Southwest from Cottonwood Road

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 12b **VRM:** Class 4
BPS 3 (Alt.) from Cottonwood Road

Location: Township 42S Range 1E Section 31

Notes: Water pipeline and BPS-3 (Alt.) occur within the middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Indistinct, low	Flat roads, distinct, vertical utility poles/towers
Line	Horizontal, softly curving	Complex, indistinct	Distinct, straight to curved, horizontal, and repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling with various vertical land formations to the west	Low, more distinct	Rectangular building structure, flat roads, distinct, vertical utility poles/towers
Line	Horizontal, softly curving	Complex, slightly more distinct	Distinct, straight to curved, geometric, horizontal, and increased number of repeating verticals
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige, solid building color
Texture	Fine to coarse, even to striated	Medium to fine, stippled, random	Fine to medium, rigid building

IV. CONTRAST RATING KOP 12B

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from Cottonwood Road

View Southwest from Cottonwood Road

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Natural Gas Generating

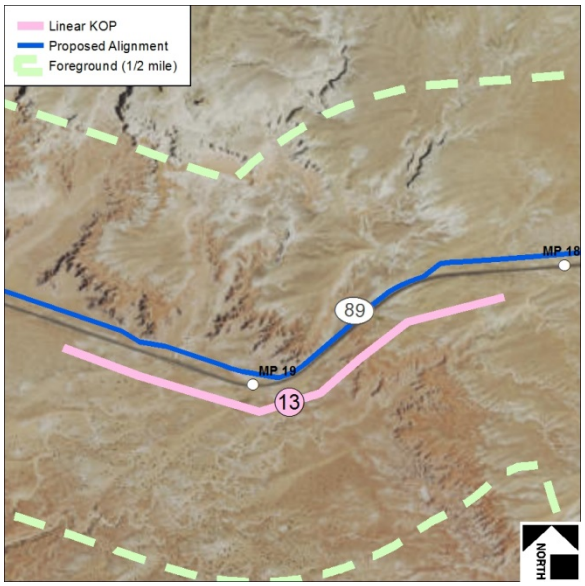
Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 13 **VRM:** Class 2
Highway 89 Near Toadstools Trailhead

Location: Township 43S Range 1W Section 2
Notes: Natural gas pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating w/ variety of distinct vertical landforms	Indistinct, low	Flat road, vertical utility poles
Line	Horizontal, undulating, irregular and complex	Complex, indistinct	Distinct, straight to curved, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, striated, random	Fine to medium, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating	Low	N/A
Line	Horizontal, undulating, linear	Broken, irregular	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, smooth	Fine to medium, stippled to gradational	N/A

IV. CONTRAST RATING KOP 13

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Texture												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☒ No

Additional mitigation measures recommended? ☒ Yes ☐ No

Additional mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

View West from Toadstools Trailhead on US 89

View East from Toadstools Trailhead on US 89

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

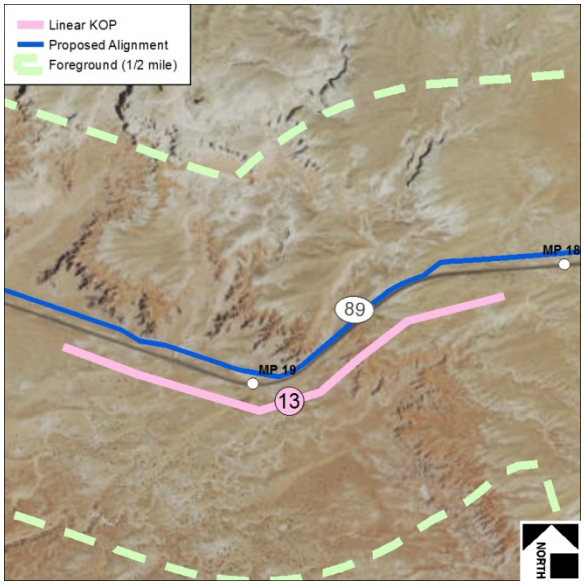
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 13 **VRM:** Class 2
Highway 89 Near Toadstools Trailhead

Location: Township 43S Range 1W Section 2

Notes: Glen Canyon to Buckskin Transmission Line; BPS-3 Transmission Line occur within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating w/ variety of distinct vertical landforms	Indistinct, low	Flat road, vertical utility poles
Line	Horizontal, undulating, irregular and complex	Complex, indistinct	Distinct, straight to curved, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, striated, random	Fine to medium, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating w/ variety of distinct vertical landforms	Low, more distinct	Flat road, vertical utility poles
Line	Horizontal, undulating, irregular and complex	Complex, more distinct	Distinct, straight to curved, repeating vertical
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige
Texture	Fine to coarse, striated, random	Fine to medium, stippled to gradational	Fine

IV. CONTRAST RATING KOP 13

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View West from Toadstools Trailhead on US 89

View East from Toadstools Trailhead on US 89

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

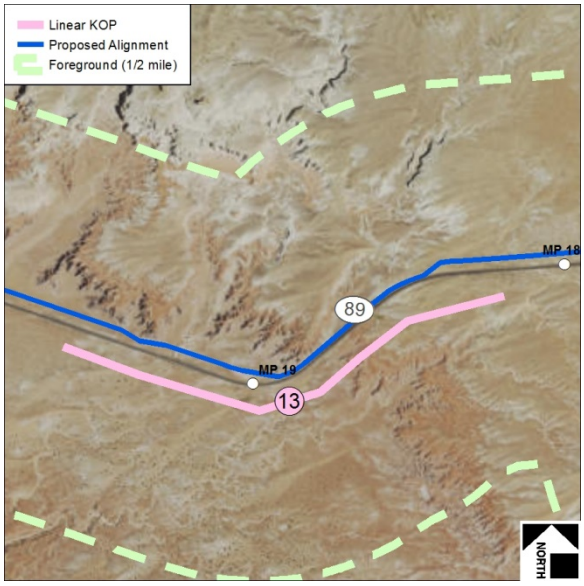
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 13 **VRM:** Class 2
Highway 89 Near Toadstools Trailhead

Location: Township 43S Range 1W Section 2

Notes: Water pipeline occurs within foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating w/ variety of distinct vertical landforms	Indistinct, low	Flat road, vertical utility poles
Line	Horizontal, undulating, irregular and complex	Complex, indistinct	Distinct, straight to curved, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, striated, random	Fine to medium, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating	Low	N/A
Line	Horizontal, undulating, linear	Broken, irregular	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, smooth	Fine to medium, stippled to gradational	N/A

IV. CONTRAST RATING KOP 13

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Texture												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☒ No

Additional mitigation measures recommended? ☐ Yes ☒ No

See mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

View West from Toadstools Trailhead on US 89

View East from Toadstools Trailhead on US 89

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

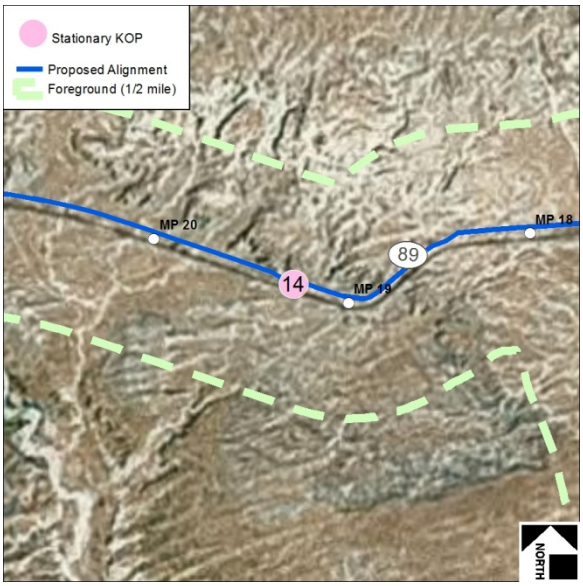
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 14 **VRM:** Class 2
Toadstools Trailhead

Location: Township 43S Range 1W Section 2

Notes: Natural gas pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating w/ variety of distinct vertical landforms	Indistinct, low	Flat road, vertical utility poles
Line	Horizontal, undulating, irregular and complex	Complex, indistinct	Distinct, straight to curved, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, striated, random	Fine to medium, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating	Low	N/A
Line	Horizontal, undulating, linear	Broken, irregular	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, smooth	Fine to medium, stippled to gradational	N/A

IV. CONTRAST RATING KOP 14

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
Texture												
ST	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☒ No

Additional mitigation measures recommended? ☒ Yes ☐ No

Additional mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

View West from Toadstools Trailhead on US 89

View East from Toadstools Trailhead on US 89

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

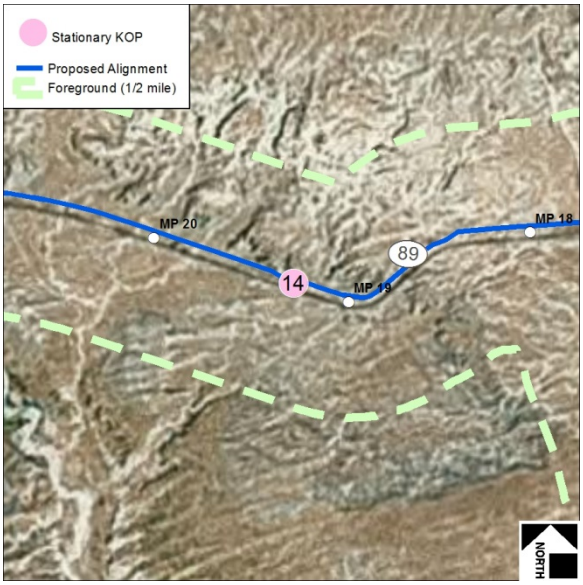
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 14 **VRM:** Class 2
Toadstools Trailhead

Location: Township 43S Range 1W Section 2

Notes: Glen Canyon to Buckskin Transmission Line and BPS-3 (Alt.) Transmission Line occur within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating w/ variety of distinct vertical landforms	Indistinct, low	Flat road, vertical utility poles
Line	Horizontal, undulating, irregular and complex	Complex, indistinct	Distinct, straight to curved, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, striated, random	Fine to medium, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	N/A	N/A	Vertical, geometric
Line	N/A	N/A	Repeating, vertical, continuous
Color	N/A	N/A	Gray, silver; brown/beige
Texture	N/A	N/A	Fine, repetitive

IV. CONTRAST RATING KOP 14

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☒	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View West from Toadstools Trailhead on US 89

View East from Toadstools Trailhead on US 89

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

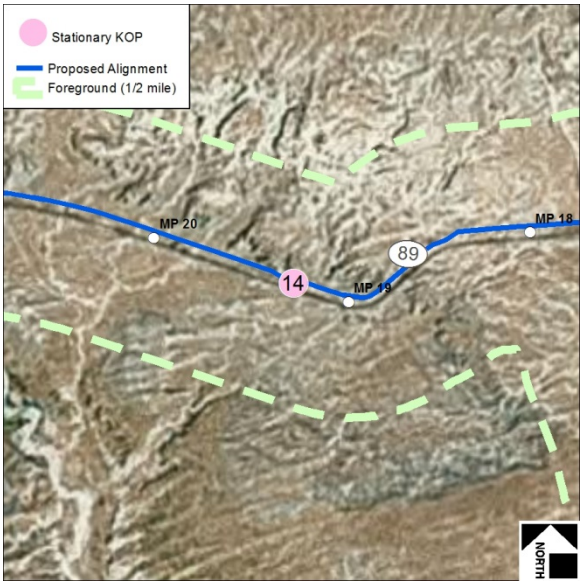
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 14 **VRM:** Class 2
Toadstools Trailhead

Location: Township 43S Range 1W Section 2

Notes: Water pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating w/ variety of distinct vertical landforms	Indistinct, low	Flat road, vertical utility poles
Line	Horizontal, undulating, irregular and complex	Complex, indistinct	Distinct, straight to curved, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, striated, random	Fine to medium, stippled to gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating	Low	N/A
Line	Horizontal, undulating, linear	Broken, irregular	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, smooth	Fine to medium, stippled to gradational	N/A

IV. CONTRAST RATING KOP 14

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
Texture												
ST	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☒ No

Additional mitigation measures recommended? ☒ Yes ☐ No

Additional mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

View West from Toadstools Trailhead on US 89

View East from Toadstools Trailhead on US 89

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

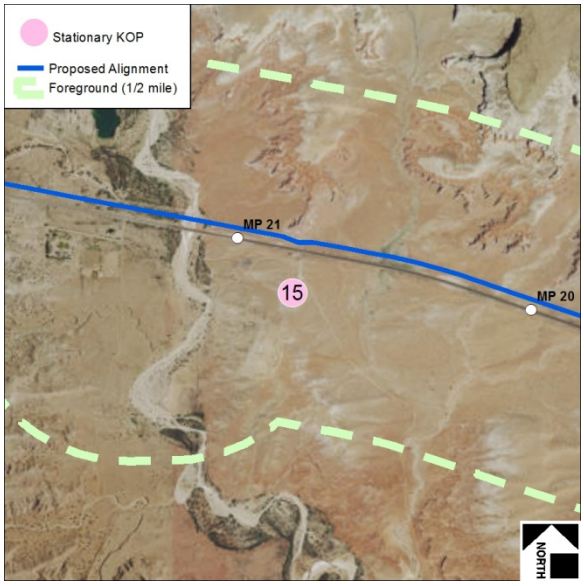
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 15 **VRM:** Class 2
Paria Contact Station

Location: Township 43S Range 1W Section 3

Notes: Natural gas pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs, mesas, and rock formations	Indistinct, low to high	Rectangular, distinct, horizontal road, vertical utility poles
Line	Horizontal, irregular, complex	Complex, indistinct	Bold, straight, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse, striated, random	Fine to medium, stippled to even, gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating	Low	N/A
Line	Horizontal, undulating, linear	Broken, irregular	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, smooth	Fine to medium, stippled to gradational	N/A

IV. CONTRAST RATING KOP 15

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View West from Paria Contact Station

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

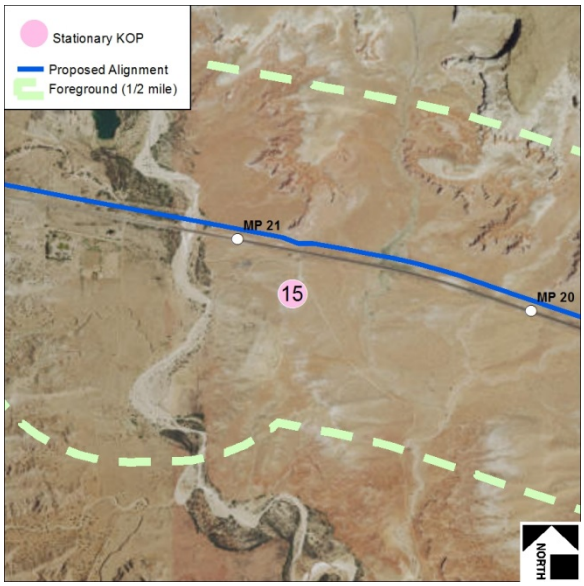
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 15 **VRM:** Class 2
Paria Contact Station

Location: Township 43S Range 1W Section 3

Notes: Glen Canyon to Buckskin Transmission Line occurs within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs, mesas, and rock formations	Indistinct, low to high	Rectangular, distinct, horizontal road, vertical utility poles
Line	Horizontal, irregular, complex	Complex, indistinct	Bold, straight, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse, striated, random	Fine to medium, stippled to even, gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	N/A	N/A	Vertical, geometric
Line	N/A	N/A	Repeating, vertical, continuous
Color	N/A	N/A	Gray, silver; brown/beige
Texture	N/A	N/A	Fine, repetitive

IV. CONTRAST RATING KOP 15

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View West from Paria Contact Station

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

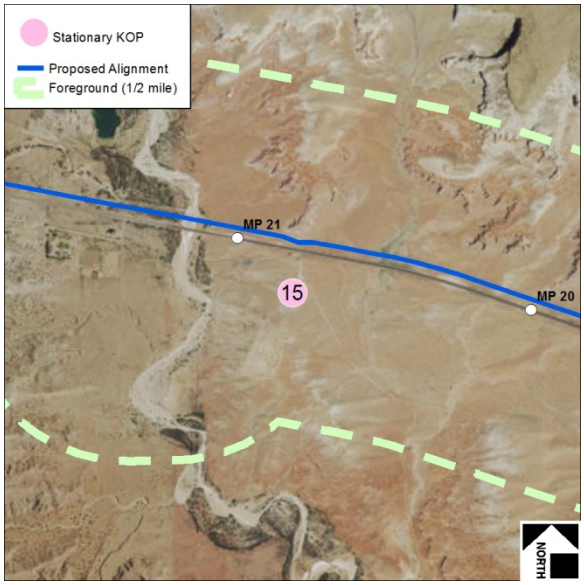
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 15 **VRM:** Class 2
Paria Contact Station

Location: Township 43S Range 1W Section 3

Notes: Water pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling w/ vertical cliffs, mesas, and rock formations	Indistinct, low to high	Rectangular, distinct, horizontal road, vertical utility poles
Line	Horizontal, irregular, complex	Complex, indistinct	Bold, straight, repeating vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse, striated, random	Fine to medium, stippled to even, gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating	Low	N/A
Line	Horizontal, undulating, linear	Broken, irregular	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, smooth	Fine to medium, stippled to gradational	N/A

IV. CONTRAST RATING KOP 15

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View West from Paria Contact Station

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

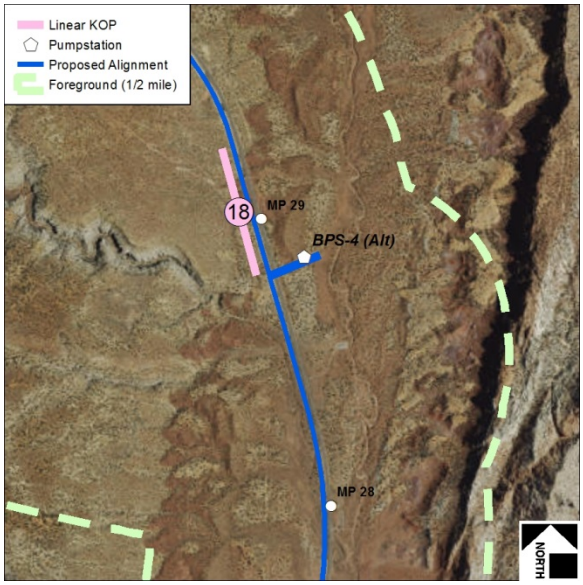
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 18 **VRM:** N/A
BPS (Alt) from Highway 89

Location: Township 43S Range 1W Section 2

Notes: BPS-4 (ALT) and natural gas pipeline occur within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling, moderate	Indistinct	Flat road, repeating vertical mileposts
Line	Horizontal, undulating	Indistinct	Distinct, straight to curved
Color	Brown/beige, gray/white, orange, red	Deep green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Medium to coarse, striated, random	Medium-course, clumped	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling, moderate	More distinct	Rectangular, tall, flat road, repeating vertical
Line	Horizontal, undulating	More distinct	Bold, horizontal/vertical, rectangular
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Deep green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige, solid building color
Texture	Medium to coarse, striated, random	Medium-course, clumped	Contrasting, fine

IV. CONTRAST RATING KOP 18

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☒	☐	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☒	☐	☐	☐	☐	☒	☐	☒	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on private land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View East from US 89 near Proposed BPS-4 East Option Location.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

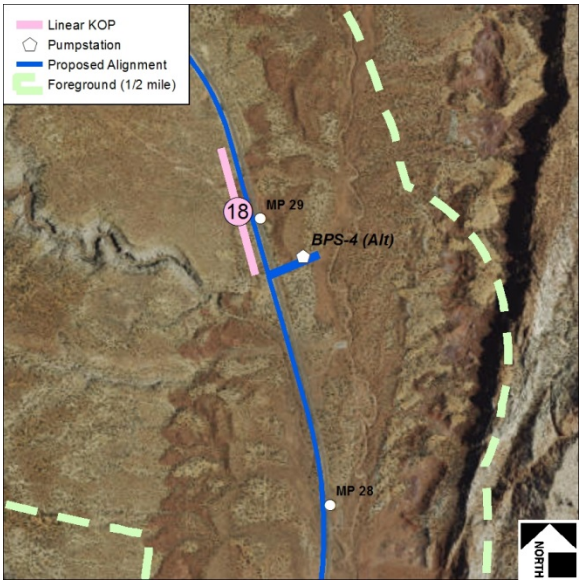
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 18 **VRM:** N/A
BPS (Alt) from Highway 89

Location: Township 43S Range 1W Section 2

Notes: BPS-4(Alt.) Underground Transmission Line occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling, moderate	Indistinct	Flat road, repeating vertical mileposts
Line	Horizontal, undulating	Indistinct	Distinct, straight to curved
Color	Brown/beige, gray/white, orange, red	Deep green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Medium to coarse, striated, random	Medium-course, clumped	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling, moderate	Rounded, low to medium height	N/A
Line	Horizontal, undulating	Broken	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Deep green to blue/gray, and seasonal colors incl. bright green and straw/yellow	N/A
Texture	Medium to coarse, striated, random	Medium-course, clumped	N/A

IV. CONTRAST RATING KOP 18

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐
Texture												
ST	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on private land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View East from US 89 near Proposed BPS-4 East Option Location.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

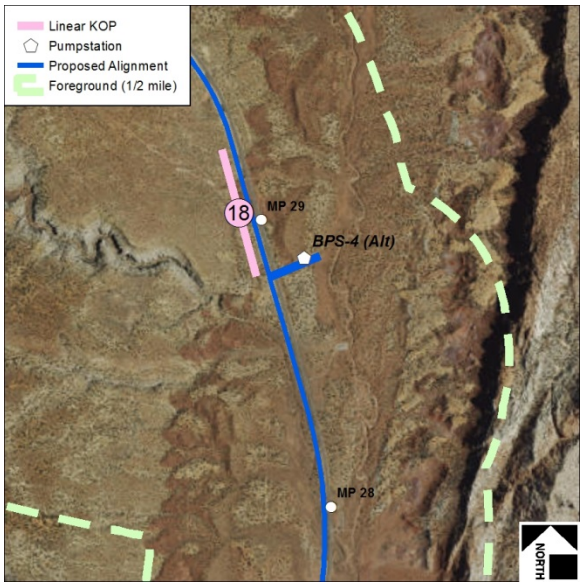
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 18 **VRM:** N/A
BPS (Alt) from Highway 89

Location: Township 43S Range 1W Section 2

Notes: BPS-4 (Alt.) and water pipeline occur within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling, moderate	Indistinct	Flat road, repeating vertical mileposts
Line	Horizontal, undulating	Indistinct	Distinct, straight to curved
Color	Brown/beige, gray/white, orange, red	Deep green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Medium to coarse, striated, random	Medium-course, clumped	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling, moderate	More distinct	Rectangular, tall, flat road, repeating vertical
Line	Horizontal, undulating	More distinct	Bold, horizontal/vertical, rectangular
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Deep green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige, solid building color
Texture	Medium to coarse, striated, random	Medium-course, clumped	Contrasting, fine

IV. CONTRAST RATING KOP 18

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☒	☐	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☒	☐	☐	☐	☐	☒	☐	☒	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on private land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View East from US 89 near Proposed BPS-4 East Option Location.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

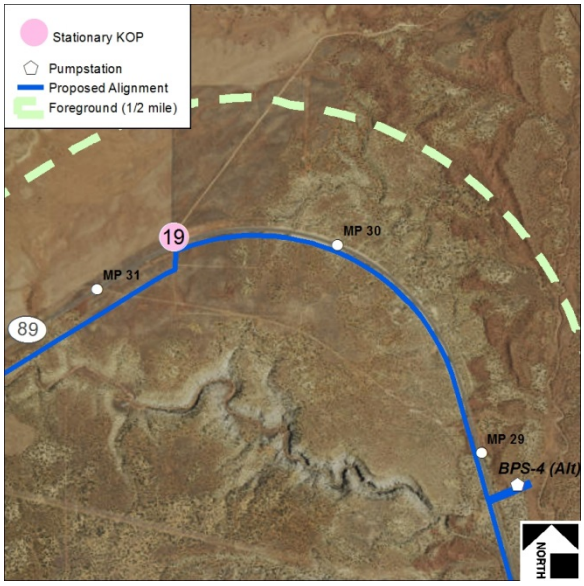
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 19 **VRM:** Class 3
Road to Paria Interpretive Site

Location: Township 42S Range 2W Section 3

Notes: Natural gas pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with steep cliff faces	Indistinct, low to medium	Distinct, flat roads, vertical utility poles
Line	Horizontal, simple	Complex, indistinct	Bold, straight, repeating vertical poles and posts
Color	Brown/beige, gray/white, orange, vermillion red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, striated	Medium to fine, stippled to even, gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating	Low	N/A
Line	Horizontal, undulating, linear	Broken, irregular	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, smooth	Fine to medium, stippled to gradational	N/A

IV. CONTRAST RATING KOP 19

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View East from Road to Paria Interpretive Site

View South from Road to Paria Interpretive Site

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

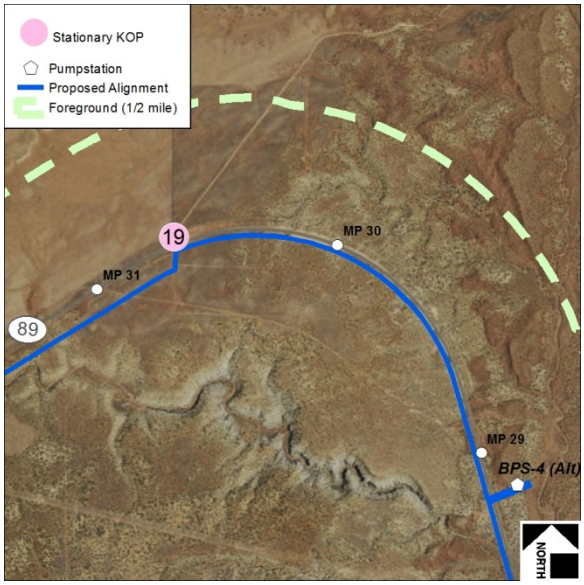
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 19 **VRM:** Class 3
Road to Paria Interpretive Site

Location: Township 42S Range 2W Section 3

Notes: Water pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with steep cliff faces	Indistinct, low to medium	Distinct, flat roads, vertical utility poles
Line	Horizontal, simple	Complex, indistinct	Bold, straight, repeating vertical poles and posts
Color	Brown/beige, gray/white, orange, vermillion red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine to coarse, striated	Medium to fine, stippled to even, gradational	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating	Low	N/A
Line	Horizontal, undulating, linear	Broken, irregular	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, smooth	Fine to medium, stippled to gradational	N/A

IV. CONTRAST RATING KOP 19

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View East from Road to Paria Interpretive Site

View South from Road to Paria Interpretive Site

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

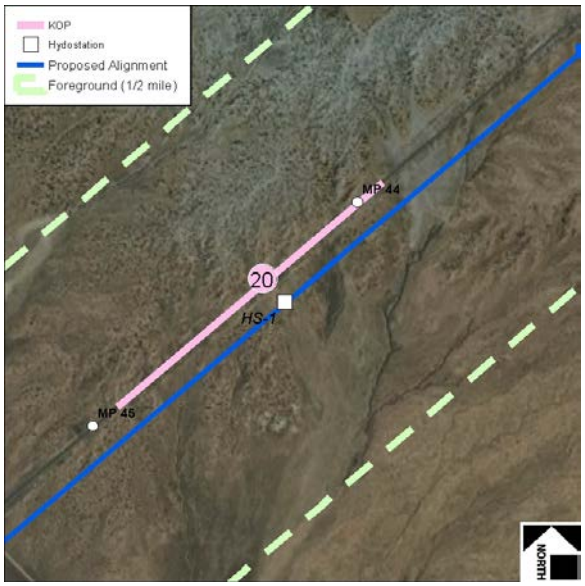
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 20 **VRM:** Class 3
Hydro Station HS-1 From US 89

Location: Township 43S Range 3W Section 18

Notes: Natural gas pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Gently rolling	Indistinct, low to medium	Vertical utility poles, fence posts, horizontal power lines
Line	Horizontal, simple	Complex, indistinct	Straight, vertical and horizontal, parallel
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine	Medium to fine, clumped	Fine, uniform

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating	Low	N/A
Line	Horizontal, undulating, linear	Broken, irregular	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, smooth	Fine to medium, stippled to gradational	N/A

IV. CONTRAST RATING KOP 20

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No .

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

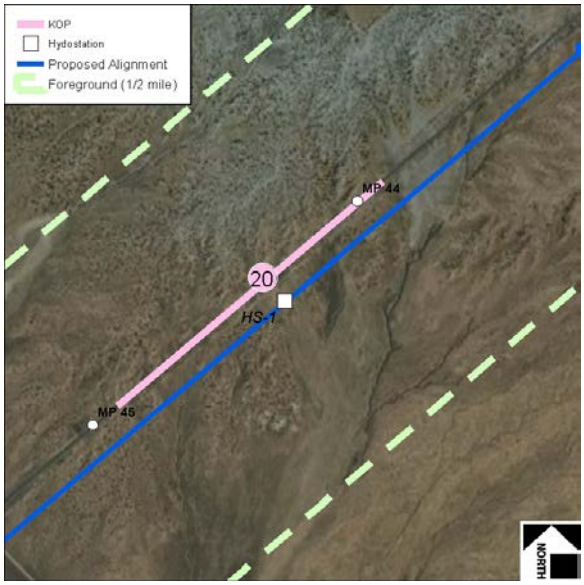
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 20 **VRM:** Class 3
Hydro Station HS-1 From US 89

Location: Township 43S Range 3W Section 18

Notes: HS-1 Transmission Line occurs in the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Gently rolling	Indistinct, low to medium	Vertical utility poles, fence posts, horizontal power lines
Line	Horizontal, simple	Complex, indistinct	Straight, vertical and horizontal, parallel
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine	Medium to fine, clumped	Fine, uniform

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	N/A	N/A	Vertical, geometric
Line	N/A	N/A	Repeating, vertical, continuous
Color	N/A	N/A	Gray, silver; brown/beige
Texture	N/A	N/A	Fine, repetitive

IV. CONTRAST RATING KOP 20

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

Existing Conditions

Immediately Post-Construction Conditions

Five to Ten Years Post-Construction

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

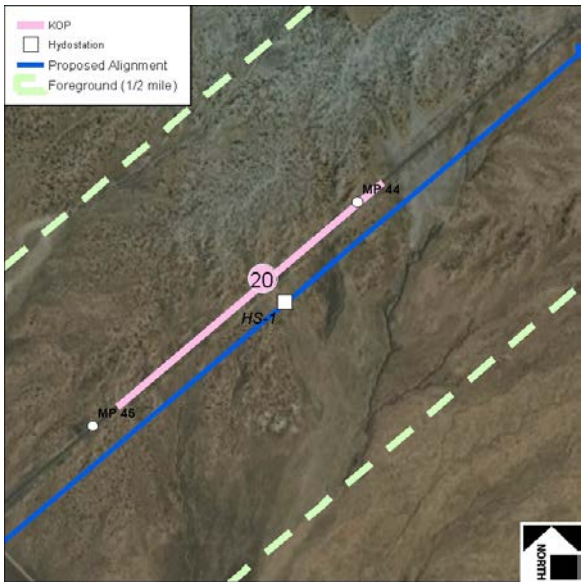
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 20 **VRM:** Class 3
Hydro Station HS-1 From US 89

Location: Township 43S Range 3W Section 18

Notes: HS-1 and water pipeline occur in the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Gently rolling	Indistinct, low to medium	Vertical utility poles, fence posts, horizontal power lines
Line	Horizontal, simple	Complex, indistinct	Straight, vertical and horizontal, parallel
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine	Medium to fine, clumped	Fine, uniform

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling	More distinct, low to medium	More distinct vertical elements
Line	Horizontal, simple	Complex, more distinct	Increased amount of straight, vertical and horizontal
Color	Brown/beige, orange, lighter where scarred	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in scar	Gray, brown/beige; gray/silver fence
Texture	Fine	Medium to fine, clumped	Fine to medium

IV. CONTRAST RATING KOP 20

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☒ No

Additional mitigation measures recommended? ☒ Yes ☐ No

Additional mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

Existing Conditions

Immediately Post-Construction Conditions

Five to Ten Years Post-Construction

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 21 **VRM:** Class 3
H. P. Reg. Tank 2 from Great Western Trailhead

Location: Township 43S Range 3W Section 18

Notes: Natural gas pipeline occurs in the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Gently rolling	Indistinct, low to medium	Vertical and horizontal fence
Line	Horizontal, simple	Complex, indistinct	Straight, vertical and horizontal
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine	Medium to fine, stippled to random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Undulating	Low	N/A
Line	Horizontal, undulating, linear	Broken, irregular	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, smooth	Fine to medium, stippled to gradational	N/A

IV. CONTRAST RATING KOP 21

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northeast from Great Western Trailhead on US 89

View Southwest from Great Western Trailhead on US 89

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

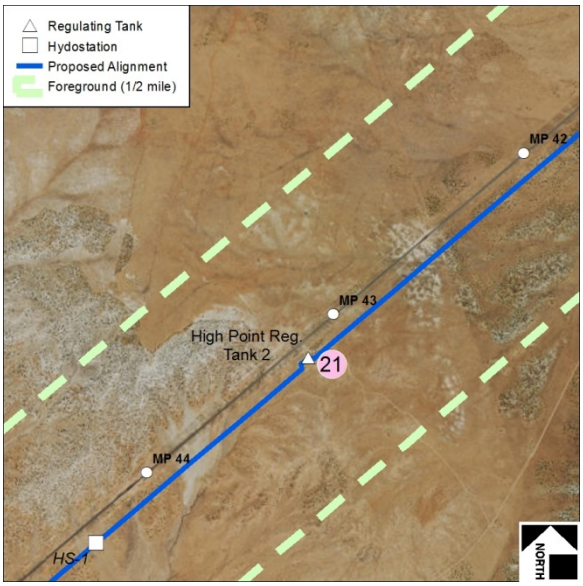
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 21 **VRM:** Class 3
H. P. Reg. Tank 2 from Great Western Trailhead

Location: Township 43S Range 3W Section 18

Notes: HS-1 Transmission Line occurs in the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Gently rolling	Indistinct, low to medium	Vertical and horizontal fence
Line	Horizontal, simple	Complex, indistinct	Straight, vertical and horizontal
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine	Medium to fine, stippled to random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	N/A	N/A	Vertical, geometric
Line	N/A	N/A	Repeating, vertical, continuous
Color	N/A	N/A	Gray, silver; brown/beige
Texture	N/A	N/A	Fine, repetitive

IV. CONTRAST RATING KOP 20

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northeast from Great Western Trailhead on US 89

View Southwest from Great Western Trailhead on US 89

Date: April 15, 2016
District: Grand Staircase-Escalante National Monument
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

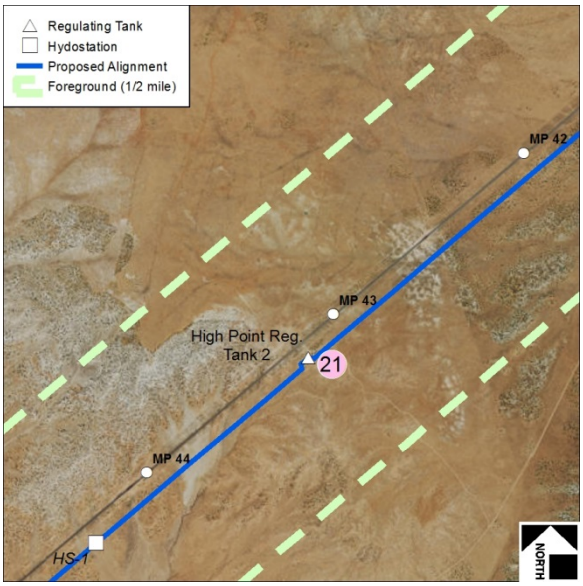
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 21 **VRM:** Class 3
H. P. Reg. Tank 2 from Great Western Trailhead

Location: Township 43S Range 3W Section 18

Notes: High Point Regulation Tank 2 and water pipeline occur within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Gently rolling	Indistinct, low to medium	Vertical and horizontal fence
Line	Horizontal, simple	Complex, indistinct	Straight, vertical and horizontal
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine	Medium to fine, stippled to random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling	More distinct, low to medium	More distinct vertical and horizontal fence
Line	Horizontal, simple	Complex, more distinct	Increased amount of straight, vertical and horizontal
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige; gray fence
Texture	Fine	Medium to fine, stippled to random	Fine to medium

IV. CONTRAST RATING KOP 20

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northeast from Great Western Trailhead on US 89

View Southwest from Great Western Trailhead on US 89

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Kanab
Proposed Power Generating Alternative: Existing Highway NG Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

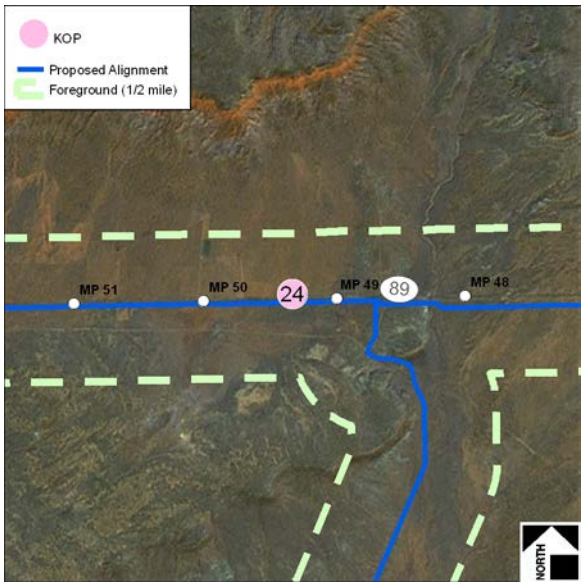
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 24 **VRM:** N/A
Highway 89 near Pioneer Gap

Location: Township 43S Range 4W Section 30

Notes: Natural gas pipeline occurs in foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling	Indistinct, low to medium	Rectangular/trapezoidal, distinct
Line	Horizontal, simple	Complex, indistinct	Horizontal road, repeating vertical posts and poles
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine	Fine to coarse, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling	More distinct, low to medium	N/A
Line	Horizontal, simple	Complex, more distinct	N/A
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine	Fine to coarse, random	N/A

IV. CONTRAST RATING KOP 24

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable, Private

Additional mitigation measures recommended? ☐ Yes ☒ No

View East from US 89 near Pioneer Gap

View East from US 89 near Pioneer Gap

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Kanab
Proposed Water Pipeline Alternative(s): Existing Highway Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

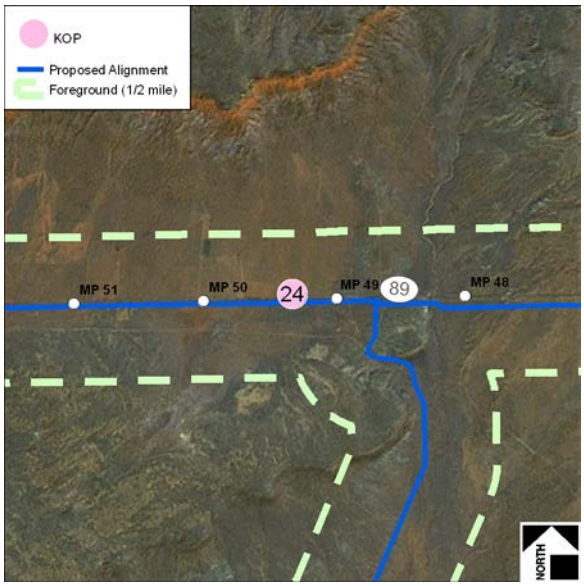
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 24 **VRM:** N/A
Highway 89 near Pioneer Gap

Location: Township 43S Range 4W Section 30

Notes: Water pipeline occurs in foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling	Indistinct, low to medium	Rectangular/trapezoidal, distinct
Line	Horizontal, simple	Complex, indistinct	Horizontal road, repeating vertical posts and poles
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown/beige
Texture	Fine	Fine to coarse, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling	More distinct, low to medium	N/A
Line	Horizontal, simple	Complex, more distinct	N/A
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine	Fine to coarse, random	N/A

IV. CONTRAST RATING KOP 24

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable, Private

Additional mitigation measures recommended? ☐ Yes ☒ No

View East from US 89 near Pioneer Gap

View East from US 89 near Pioneer Gap

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Kanab
Proposed Water Pipeline Alternative(s): Kane County Water Treatment Facility

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powell Pipeline

KOP: 25 **VRM:** N/A
Kane County Water Treatment Plant

Location: Township 43S Range 5W Sections 24 and 25

Notes: Water Treatment Facility and water pipeline would occur within foreground; water and natural gas pipeline would occur within middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling, bold, distinct cliffs	Indistinct, low stature	Rectangular, small scale distinct residential buildings
Line	Horizontal slightly angular, undulating	Indistinct, irregular	Horizontal, vertical, angular
Color	Light gray to red, banded	Gray-green to dark green	Various - white, brown, green
Texture	Medium, smooth	Medium to coarse, stippled	Smooth surfaces, medium, directional forms

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Gently rolling valley, bold, distinct cliffs	Indistinct, low stature	Rectangular, bold, large scale
Line	Horizontal slightly angular, undulating	Indistinct, irregular	Horizontal, vertical, angular
Color	Light gray to red, banded	Gray-green to dark green	Tan to reddish brown
Texture	Medium, smooth	Medium to coarse, stippled	Smooth surfaces, ordered, directional coarse forms

IV. CONTRAST RATING (KOP 25)

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
Color												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
Texture												
ST	☐	☐	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐
LT	☐	☐	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐

Note: ST = short term (0–5 years); LT = long term (20-plus years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on private land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View North along Johnson Canyon Road near Proposed Kane County WTP Location.

View West along Johnson Canyon Road near Proposed Kane County WTP Location.

Date: April 15, 2016
District: Arizona Strip
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powell Pipeline

KOP: 26 **VRM:** Class 3
Shinarump Cliffs Overlook

Location: Township 42N Range 10E Sections 32

Notes: Natural gas pipeline occurs within the middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling, wide valley	Indistinct, low to medium	Trapezoidal utility towers
Line	Horizontal, simple	Complex, indistinct	Straight, repeating vertical/horizontal/angular
Color	Brown/beige, white/gray, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Fine	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling, wide valley	More distinct, low to medium	N/A
Line	Horizontal, simple	Complex, more distinct	N/A
Color	Brown/beige, white/gray, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine	Medium to fine, stippled to even	N/A

IV. CONTRAST RATING KOP 26

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from Shinarump Cliffs Overlook

View Southeast from Shinarump Cliffs Overlook

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Arizona Strip
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powell Pipeline

KOP: 26 **VRM:** Class 3
Shinarump Cliffs Overlook

Location: Township 42N Range 10E Sections 32

Notes: Water pipeline occurs within the middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling, wide valley	Indistinct, low to medium	Trapezoidal utility towers
Line	Horizontal, simple	Complex, indistinct	Straight, repeating vertical/horizontal/angular
Color	Brown/beige, white/gray, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Fine	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling, wide valley	More distinct, low to medium	N/A
Line	Horizontal, simple	Complex, more distinct	N/A
Color	Brown/beige, white/gray, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine	Medium to fine, stippled to even	N/A

IV. CONTRAST RATING KOP 26

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast from Shinarump Cliffs Overlook

View Southeast from Shinarump Cliffs Overlook

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Arizona Strip
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 27 **VRM:** Class 2
Dominguez-Escalante Historic Trail Crossing

Location: Township 41N Range 10E Section 7

Notes: Natural gas pipeline occurs within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling, wide valley	Indistinct, low to medium	Trapezoidal utility towers
Line	Horizontal, simple	Simple, indistinct	Straight, repeating vertical/horizontal/angular
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Fine	Medium to fine, even low scrub with scattered pinyon	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling, wide valley	More distinct, low to medium	N/A
Line	Horizontal, simple	Simple, more distinct	N/A
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine	Medium to fine, even low scrub with scattered pinyon	N/A

IV. CONTRAST RATING KOP 27

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☒ No

Additional mitigation measures recommended? ☒ Yes ☒ No

Additional mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

View Southwest from Whitesage Wash Near Shinarump Cliffs Overlook

View West from Whitesage Wash to the West of the Dominguez-Escalante and Honeymoon Trails Crossing

Date: April 15, 2016
District: Arizona Strip
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 27 **VRM:** Class 2
Dominguez-Escalante Historic Trail Crossing

Location: Township 41N Range 10E Section 7

Notes: Water pipeline occurs within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling, wide valley	Indistinct, low to medium	Trapezoidal utility towers
Line	Horizontal, simple	Simple, indistinct	Straight, repeating vertical/horizontal/angular
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Fine	Medium to fine, even low scrub with scattered pinyon	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling, wide valley	More distinct, low to medium	N/A
Line	Horizontal, simple	Simple, more distinct	N/A
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine	Medium to fine, even low scrub with scattered pinyon	N/A

IV. CONTRAST RATING KOP 27

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☒ No

Additional mitigation measures recommended? ☒ Yes ☐ No

Additional mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

View Southwest from Whitesage Wash Near Shinarump Cliffs Overlook

View West from Whitesage Wash to the West of the Dominguez-Escalante Historic Trail Crossing

Date: April 15, 2016
District: Arizona Strip
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 28 **VRM:** Class 2
VRM: Class 3
VRM: Class 4

Kanab Creek (Kanab Creek ACEC)

Location: Township 39N Range 3W Section 6
Notes: Natural gas pipeline occurs in the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with deeply cut wash/cliff faces	Indistinct, low to medium	Trapezoidal utility towers
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, repeating vertical/horizontal/angular
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Fine to coarse, striated	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with deeply cut wash/cliff faces, flattened vertical cliff faces	More distinct, low to medium	N/A
Line	Horizontal, vertical, regular, complex	Complex, more distinct	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine to coarse, striated, increased fine texture	Medium to fine, stippled to even, increased fine texture	N/A

IV. CONTRAST RATING KOP 28

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes (Class 3 and 4) ☒ No (Class 2)

Additional mitigation measures recommended? ☒ Yes ☐ No

Additional mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

View Northeast from West Edge of Kanab Creek near Proposed Pipeline Crossing

View Southeast from West Edge of Kanab Creek near Proposed Pipeline Crossing

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Arizona Strip
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

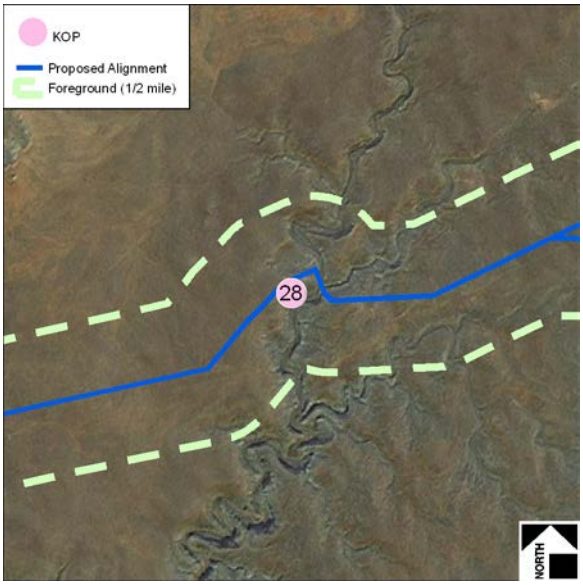
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 28 **VRM:** Class 2
VRM: Class 3
VRM: Class 4

Kanab Creek (Kanab Creek ACEC)

Location: Township 39N Range 3W Section 6
Notes: Water pipeline occurs in the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with deeply cut wash/cliff faces	Indistinct, low to medium	Trapezoidal utility towers
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, repeating vertical/horizontal/angular
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Fine to coarse, striated	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with deeply cut wash/cliff faces, flattened vertical cliff faces	More distinct, low to medium	N/A
Line	Horizontal, vertical, regular, complex	Complex, more distinct	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine to coarse, striated, increased fine texture	Medium to fine, stippled to even, increased fine texture	N/A

IV. CONTRAST RATING KOP 28

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes (Class 3 and 4) ☒ No (Class 2)

Additional mitigation measures recommended? ☒ Yes ☐ No

Additional mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

View Northeast from West Edge of Kanab Creek near Proposed Pipeline Crossing

View Southeast from West Edge of Kanab Creek near Proposed Pipeline Crossing

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Arizona Strip
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 29 **VRM:** Class 4
Bitter Seeps Wash (Kanab Creek ACEC)

Location: Township 40N Range 3W Section 34

Notes: Natural gas pipeline occurs within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with deeply cut wash/steep vertical slopes and outcrops	Indistinct, low	Trapezoidal utility towers
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, repeating vertical/horizontal/angular
Color	Brown/beige, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Medium to coarse, blocky	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with deeply cut wash/steep slopes and outcrops, flattened vertical slopes and outcrops	More distinct, low	N/A
Line	Horizontal, vertical, regular, complex	Complex, more distinct	N/A
Color	Brown/beige, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Medium to coarse, blocky; fine where vertical slopes/outcrops are flattened	Medium to fine, stippled to even, increased fine texture	N/A

IV. CONTRAST RATING KOP 29

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View East from West Edge of Bitter Seeps Wash near Proposed Pipeline Crossing

View Southeast from West Edge of Bitter Seeps Wash near Proposed Pipeline Crossing

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Arizona Strip
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 29 **VRM:** Class 4
Bitter Seeps Wash (Kanab Creek ACEC)

Location: Township 40N Range 3W Section 34

Notes: Water pipeline occurs within the foreground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with deeply cut wash/steep vertical slopes and outcrops	Indistinct, low	Trapezoidal utility towers
Line	Horizontal, irregular, complex	Complex, indistinct	Straight, repeating vertical/horizontal/angular
Color	Brown/beige, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Medium to coarse, blocky	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with deeply cut wash/steep slopes and outcrops, flattened vertical slopes and outcrops	More distinct, low	N/A
Line	Horizontal, vertical, regular, complex	Complex, more distinct	N/A
Color	Brown/beige, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Medium to coarse, blocky; fine where vertical slopes/outcrops are flattened	Medium to fine, stippled to even, increased fine texture	N/A

IV. CONTRAST RATING KOP 29

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View East from West Edge of Bitter Seeps Wash near Proposed Pipeline Crossing

View Southeast from West Edge of Bitter Seeps Wash near Proposed Pipeline Crossing

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Arizona Strip
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

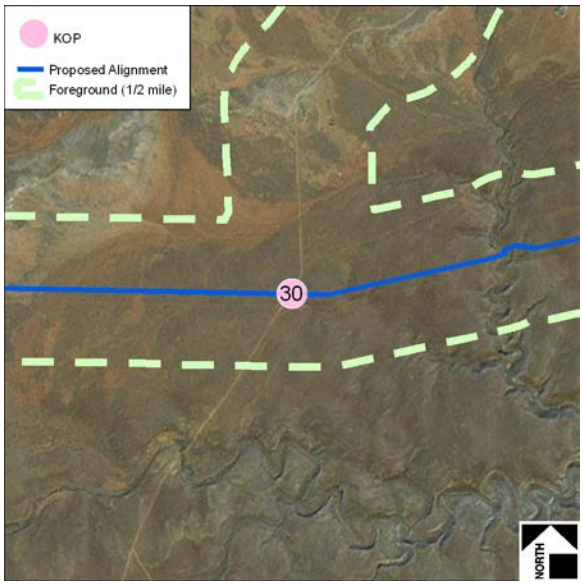
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 30 **VRM:** Class 4
Mount Trumbull Road

Location: Township 39N Range 4W Section 1

Notes: Natural gas pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Indistinct, low	Trapezoidal utility towers
Line	Horizontal, simple	Complex, indistinct	Straight, repeating vertical/horizontal/angular
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Fine, even	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Distinct, low	N/A
Line	Horizontal, simple	Complex, more distinct	N/A
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, even	Medium to fine, stippled to even, increased fine texture	N/A

IV. CONTRAST RATING KOP 30

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast near crossing of Mount Trumbull Road and the Navajo-McCulough Transmission Line Corridor

View Northeast near crossing of Mount Trumbull Road and the Navajo-McCulough Transmission Line Corridor

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Arizona Strip
Proposed Water Pipeline Alternative(s): South Water Pipeline

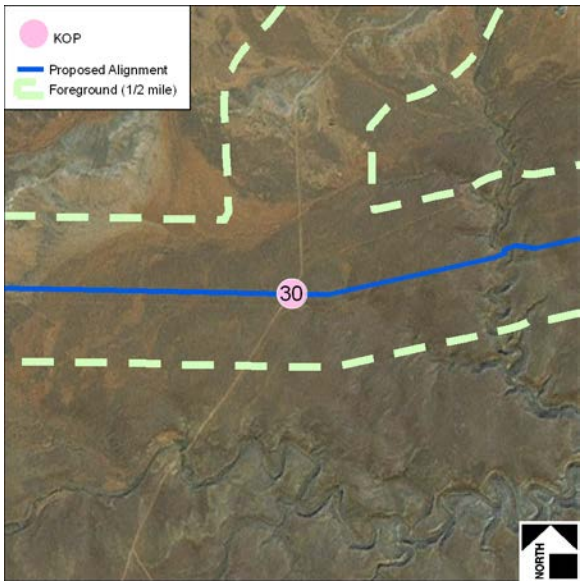
Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 30 **VRM:** Class 4
Mount Trumbull Road

Location: Township 39N Range 4W Section 1
Notes: Water pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Indistinct, low	Trapezoidal utility towers
Line	Horizontal, simple	Complex, indistinct	Straight, repeating vertical/horizontal/angular
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Fine, even	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Distinct, low	N/A
Line	Horizontal, simple	Complex, more distinct	N/A
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, even	Medium to fine, stippled to even, increased fine texture	N/A

IV. CONTRAST RATING KOP 30

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southeast near crossing of Mount Trumbull Road and the Navajo-McCulough Transmission Line Corridor

View Northeast near crossing of Mount Trumbull Road and the Navajo-McCulough Transmission Line Corridor

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Kaibab-Paiute Indian Reservation
Proposed Power Generating Alternative: Existing Highway Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

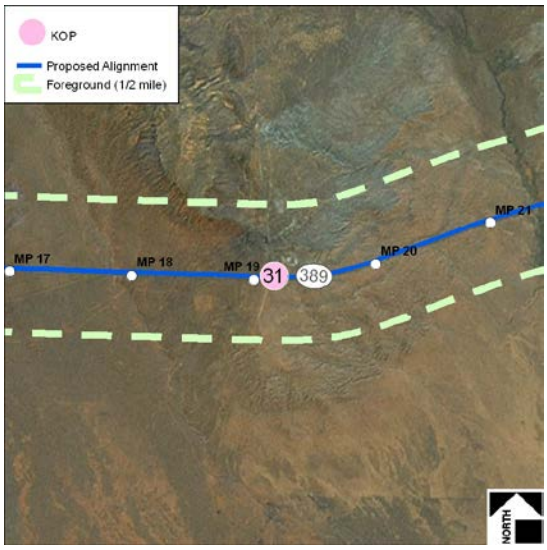
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 31 **VRM:** N/A
Kaibab-Paiute Tribal Headquarters

Location: Township 40N Range 4W Section 21

Notes: Natural gas pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to sloped, adjacent cliffs	Indistinct, low to medium	Rectangular, distinct, contrasting, horizontal roads, vertical utility poles/towers, signs and fences
Line	Horizontal, simple	Simple, indistinct	Bold, straight, geometric, horizontal and repeating vertical
Color	Brown/beige, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine, even	Medium to fine, stippled to even	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to sloped, adjacent cliffs	More distinct, low to medium	N/A
Line	Horizontal, simple	Simple, more distinct	N/A
Color	Brown/beige, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, even	Medium to fine, stippled to even	N/A

IV. CONTRAST RATING KOP 31

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–5 years); LT = long term (20-plus years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable, on reservation land.

Additional mitigation measures recommended? ☐ Yes ☒ No

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Kaibab-Paiute Indian Reservation
Proposed Water Pipeline Alternative(s): Existing Highway Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

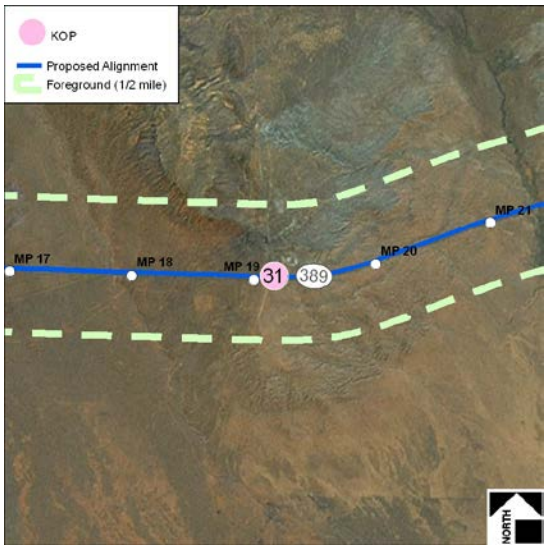
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 31 **VRM:** N/A
Kaibab-Paiute Tribal Headquarters

Location: Township 40N Range 4W Section 21

Notes: Water pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to sloped, adjacent cliffs	Indistinct, low to medium	Rectangular, distinct, contrasting, horizontal roads, vertical utility poles/towers, signs and fences
Line	Horizontal, simple	Simple, indistinct	Bold, straight, geometric, horizontal and repeating vertical
Color	Brown/beige, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine, even	Medium to fine, stippled to even	Fine to medium

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to sloped, adjacent cliffs	More distinct, low to medium	N/A
Line	Horizontal, simple	Simple, more distinct	N/A
Color	Brown/beige, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, even	Medium to fine, stippled to even	N/A

IV. CONTRAST RATING KOP 31

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–5 years); LT = long term (20-plus years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable, on reservation land.

Additional mitigation measures recommended? ☐ Yes ☒ No

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Arizona Strip
Proposed Power Generating Alternative: Existing Highway Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

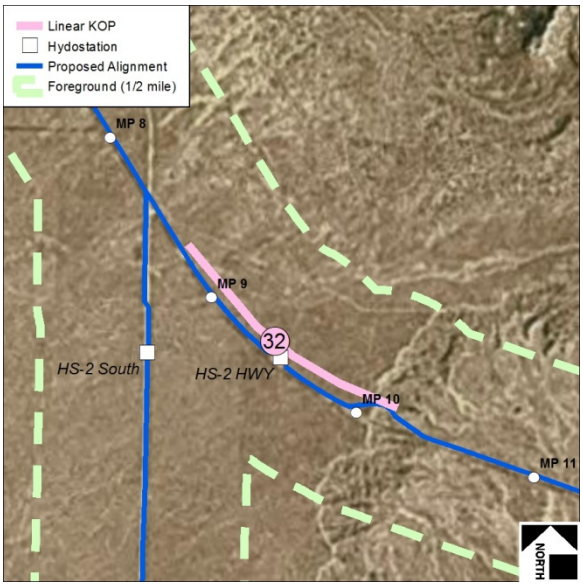
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 32 **VRM:** N/A
HS-2 Highway EB and WB

Location: Township 39N Range 4W Section 1

Notes: Natural gas pipeline would occur within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Indistinct, low	Vertical utility poles, flat road
Line	Horizontal, simple	Complex, indistinct	Geometric, straight, repeating vertical/horizontal, parallel
Color	Brown/beige	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Fine, even	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Distinct, low	N/A
Line	Horizontal, simple	Complex, more distinct	N/A
Color	Brown/beige, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, even	Medium to fine, stippled to even, increased fine texture	N/A

IV. CONTRAST RATING KOP 32

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on private land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to East from US 89 near HS-2 HWY

View to West from US 89 near HS-2 HWY

Hydro Station 2- Highway Eastbound

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Hydro Station 2- Highway Westbound

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions

Date: April 15, 2016
District: Arizona Strip
Proposed Water Pipeline Alternative(s): Existing Highway Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

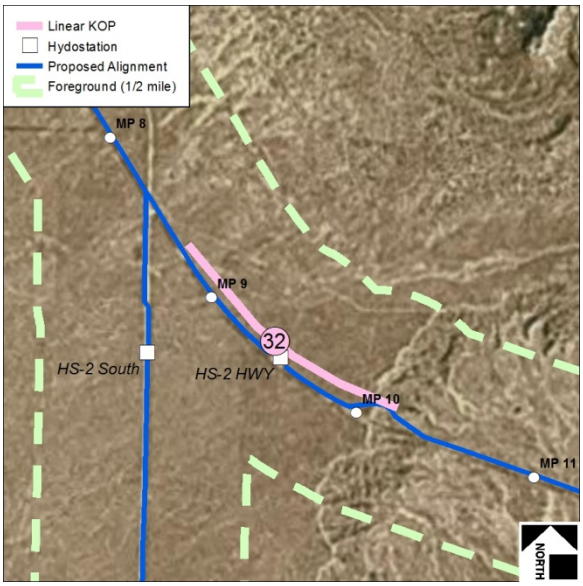
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 32 **VRM:** N/A
HS-2 Highway EB and WB

Location: Township 39N Range 4W Section 1

Notes: Water pipeline and HS-2 (Hwy) occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Indistinct, low	Vertical utility poles, flat road
Line	Horizontal, simple	Complex, indistinct	Geometric, straight, repeating vertical/horizontal, parallel
Color	Brown/beige	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray
Texture	Fine, even	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Distinct, low	Geometric, rectangular
Line	Horizontal, simple	Complex, more distinct	Geometric, straight, vertical/horizontal, parallel
Color	Brown/beige, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige, solid building color
Texture	Fine, even	Medium to fine, stippled to even, increased fine texture	Rigid, blocky; fencing- transparent, light

IV. CONTRAST RATING KOP 32

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on private land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to East from US 89 near HS-2 HWY

View to West from US 89 near HS-2 HWY

Hydro Station 2- Highway Eastbound

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Hydro Station 2- Highway Westbound

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions

Date: April 15, 2016
District: Arizona Strip
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

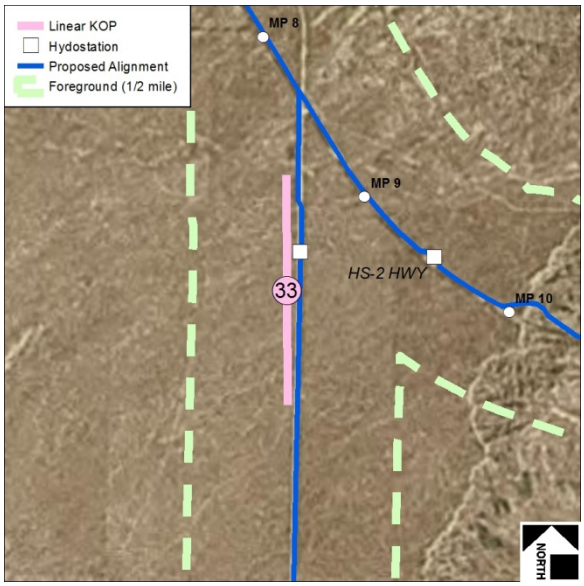
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 33 **VRM:** N/A
Hydro Station 2- South from Co. Rd 239

Location: Township 39N Range 4W Section 1

Notes: Natural gas pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Indistinct, low	Vertical fence/posts, flat road
Line	Horizontal, simple	Complex, indistinct	Geometric, straight, repeating vertical/horizontal, parallel
Color	Brown/beige	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown
Texture	Fine, even	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Distinct, low	N/A
Line	Horizontal, simple	Complex, more distinct	N/A
Color	Brown/beige, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, even	Medium to fine, stippled to even, increased fine texture	N/A

IV. CONTRAST RATING KOP 33

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on private land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to East from US 89 near HS-2

View to West from US 89 near HS-2

Date: April 15, 2016
District: Arizona Strip
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

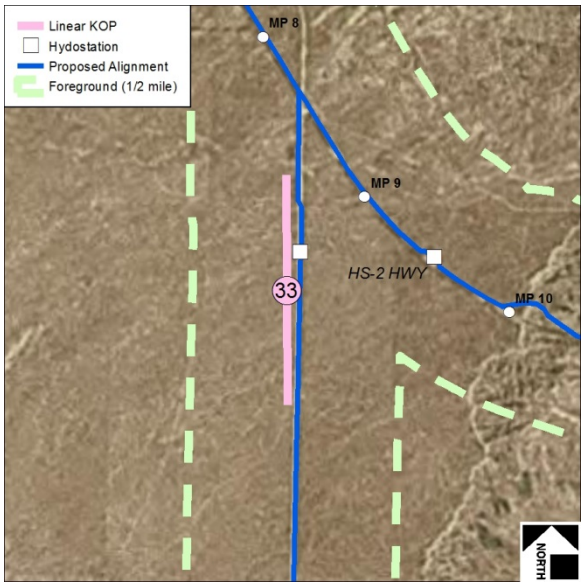
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 33 **VRM:** N/A
Hydro Station 2- South from Co. Rd 239

Location: Township 39N Range 4W Section 1

Notes: HS-2 South Transmission Line occurs in the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Indistinct, low	Vertical fence/posts, flat road
Line	Horizontal, simple	Complex, indistinct	Geometric, straight, repeating vertical/horizontal, parallel
Color	Brown/beige	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown
Texture	Fine, even	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Distinct, low	Vertical, geometric
Line	Horizontal, simple	Complex, more distinct	Repeating, vertical, continuous
Color	Brown/beige, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, silver; brown/beige
Texture	Fine, even	Medium to fine, stippled to even, increased fine texture	Fine, repetitive

IV. CONTRAST RATING KOP 33

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on private land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to East from US 89 near HS-2

View to West from US 89 near HS-2

Date: April 15, 2016
District: Arizona Strip
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

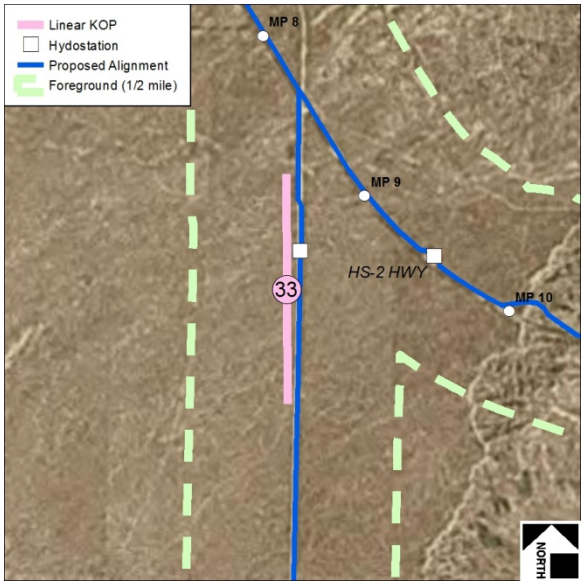
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 33 **VRM:** N/A
Hydro Station 2- South from Co. Rd 239

Location: Township 39N Range 4W Section 1

Notes: HS-2 South and water pipeline occur within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Indistinct, low	Vertical fence/posts, flat road
Line	Horizontal, simple	Complex, indistinct	Geometric, straight, repeating vertical/horizontal, parallel
Color	Brown/beige	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Gray, brown
Texture	Fine, even	Medium to fine, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to gently rolling	Distinct, low	Geometric, rectangular
Line	Horizontal, simple	Complex, more distinct	Geometric, straight, vertical/horizontal, parallel
Color	Brown/beige, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, brown/beige, solid building color
Texture	Fine, even	Medium to fine, stippled to even, increased fine texture	Rigid, blocky; fencing- transparent, light

IV. CONTRAST RATING KOP 33

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on private land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to East from US 89 near HS-2

View to West from US 89 near HS-2

Date: April 15, 2016
District: Private
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

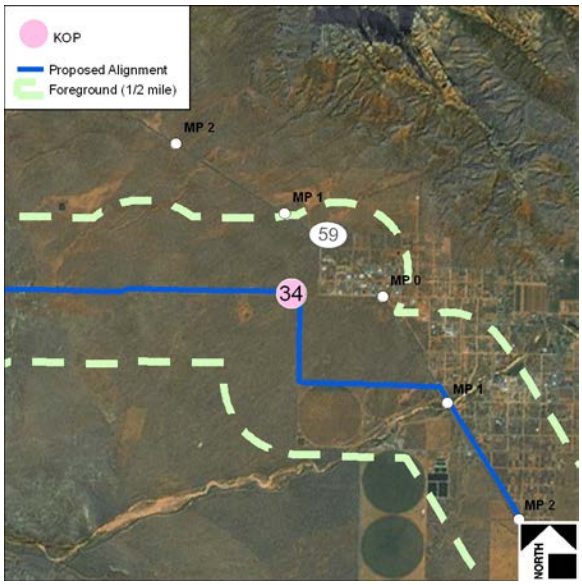
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 34 **VRM:** N/A
Hydro Station 3 from Uzona Avenue

Location: Township 43S Range 10W Section 32

Notes: Natural gas pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat with backdrop of tall vertical cliff faces	Indistinct, low to medium	Rectangular, distinct, contrasting, horizontal roads, vertical utility poles/towers
Line	Horizontal, diverse	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, vermillion red	Blue/gray to green, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse, striated, random	Medium, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat with backdrop of tall vertical cliff faces	More distinct, low to medium	N/A
Line	Horizontal, diverse	Complex, more distinct	N/A
Color	Brown/beige, gray/white, orange, vermillion red, lighter where disturbed	Blue/gray to green, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine to coarse, striated, random	Medium, random	N/A

IV. CONTRAST RATING KOP 34

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on private land

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northeast from Uzona Ave near Proposed Hydro Station 3 Location

View North from Uzona Ave near Proposed Hydro Station 3 Location

1Date: April 15, 2016
District: Private
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

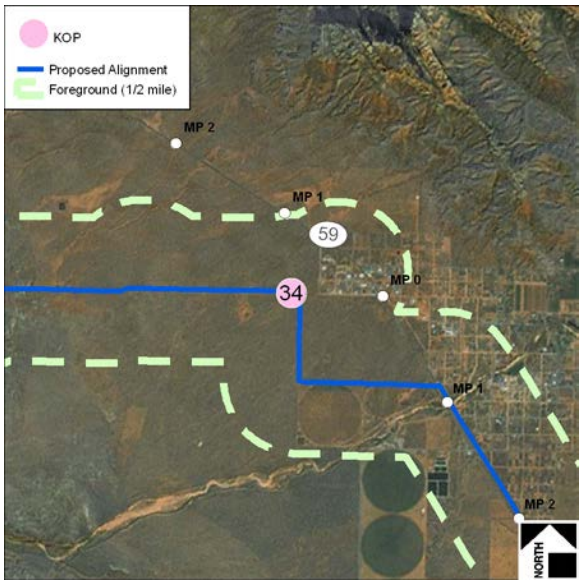
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 34 **VRM:** N/A
Hydro Station 3 from Uzona Avenue

Location: Township 43S Range 10W Section 32

Notes: HS-3 Underground Transmission Line occurs within foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat with backdrop of tall vertical cliff faces	Indistinct, low to medium	Rectangular, distinct, contrasting, horizontal roads, vertical utility poles/towers
Line	Horizontal, diverse	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, vermillion red	Blue/gray to green, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse, striated, random	Medium, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat with backdrop of tall vertical cliff faces	More distinct, low to medium	N/A
Line	Horizontal, diverse	Complex, more distinct	N/A
Color	Brown/beige, gray/white, orange, vermillion red, lighter where disturbed	Blue/gray to green, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine to coarse, striated, random	Medium, random	N/A

IV. CONTRAST RATING KOP 34

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on private land

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northeast from Uzona Ave near Proposed Hydro Station 3 Location

View North from Uzona Ave near Proposed Hydro Station 3 Location

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: Private
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

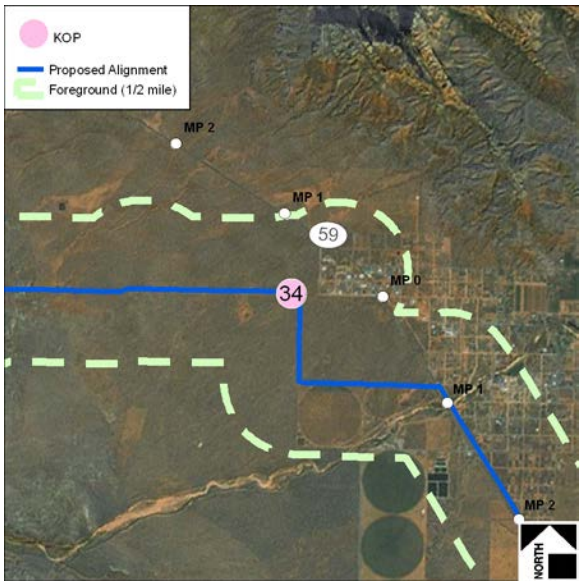
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 34 **VRM:** N/A
Hydro Station 3 from Uzona Avenue

Location: Township 43S Range 10W Section 32

Notes: HS-3 and water pipeline occur within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat with backdrop of tall vertical cliff faces	Indistinct, low to medium	Rectangular, distinct, contrasting, horizontal roads, vertical utility poles/towers
Line	Horizontal, diverse	Complex, indistinct	Distinct, straight, horizontal and repeating vertical
Color	Brown/beige, gray/white, orange, vermillion red	Blue/gray to green, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse, striated, random	Medium, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat with backdrop of tall vertical cliff faces	More distinct, low to medium	Rectangular, bold, contrasting, horizontal roads, vertical utility poles/towers
Line	Horizontal, diverse	Complex, more distinct	Bold, straight, geometric, horizontal and increased amount of repeating vertical
Color	Brown/beige, gray/white, orange, vermillion red, lighter where disturbed	Blue/gray to green, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	White, gray, brown/beige, gray/silver, solid building color
Texture	Fine to coarse, striated, random	Medium, random	Fine to medium

IV. CONTRAST RATING KOP 34

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable, on private land

Additional mitigation measures recommended? ☐ Yes ☒ No

View Northeast from Uzona Ave near Proposed Hydro Station 3 Location

View North from Uzona Ave near Proposed Hydro Station 3 Location

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

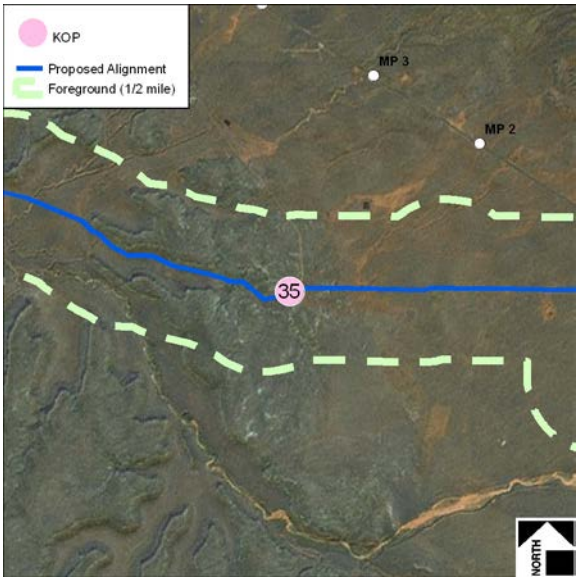
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 35 **VRM:** Class 3
Uzona Avenue/Canaan Wash

Location: Township 42N Range 7W Section 33

Notes: Natural gas pipeline occurs within foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wash/valley w/ sloped to vertical valley walls	Indistinct, low to medium	Flat road and trails
Line	Horizontal to vertical, irregular, complex	Complex, indistinct	Gently curving
Color	Brown/beige, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Beige/brown/red
Texture	Fine to coarse, blocky	Fine to medium, stippled to even	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wash/valley w/ sloped to vertical valley walls	Distinct, low to medium	N/A
Line	Horizontal to vertical, irregular, complex	Complex, distinct	N/A
Color	Brown/beige, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine to coarse, blocky	Fine to medium, stippled to even, increased fine texture	N/A

IV. CONTRAST RATING KOP 35

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☒	☐	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View West near West End of Uzona Ave

View Southeast of Canaan Wash from Canaan Gap

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simualtion

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

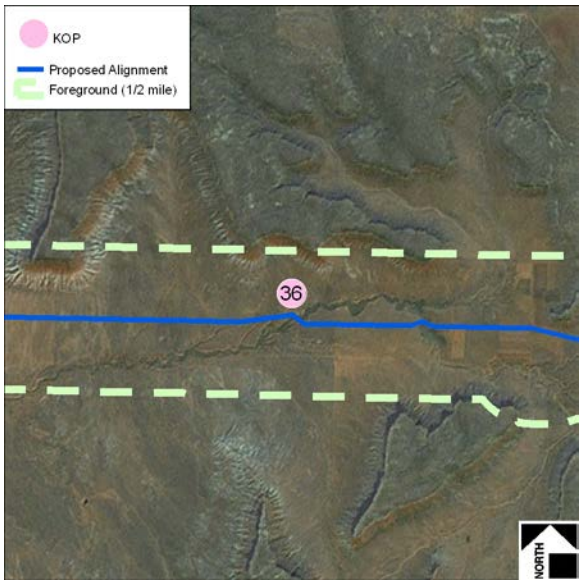
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 36 **VRM:** Class 4
Canaan Gap

Location: Township 43S Range 11W Section 30

Notes: Natural gas pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ vertical cliff faces/mesas	Indistinct, low to medium	Rectangular, distinct, contrasting
Line	Horizontal to vertical and sloped, simple	Simple, indistinct	Distinct, straight, horizontal and vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse	Fine to medium, even to dotted	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ vertical cliff faces/mesas	Distinct, low to medium	N/A
Line	Horizontal to vertical and sloped, simple	Simple, distinct	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine to coarse	Fine to medium, even to dotted	N/A

IV. CONTRAST RATING KOP 36

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southwest of Canaan Wash From Canaan Gap

View Southwest of Littlecreek Mountain, Short Creek, and Lost Spring Mountain, from top of Littlecreek Mountain

Date: April 15, 2016
District: St. George
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

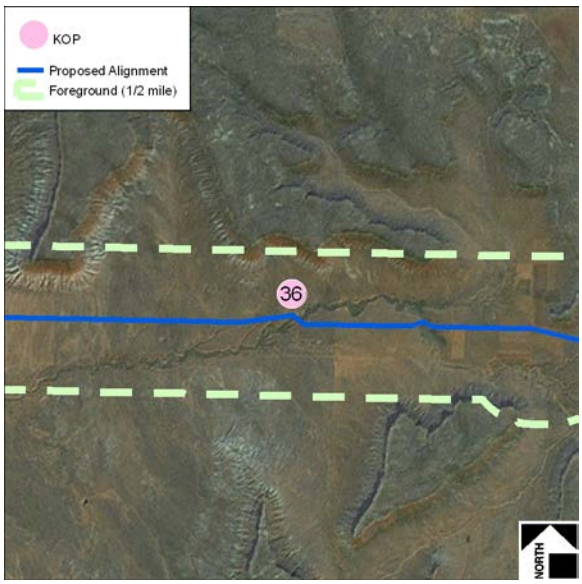
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 36 **VRM:** Class 4
Canaan Gap

Location: Township 43S Range 11W Section 30

Notes: Water pipeline occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ vertical cliff faces/mesas	Indistinct, low to medium	Rectangular, distinct, contrasting
Line	Horizontal to vertical and sloped, simple	Simple, indistinct	Distinct, straight, horizontal and vertical
Color	Brown/beige, gray/white, orange, red	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	White, gray, brown/beige
Texture	Fine to coarse	Fine to medium, even to dotted	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ vertical cliff faces/mesas	Distinct, low to medium	N/A
Line	Horizontal to vertical and sloped, simple	Simple, distinct	N/A
Color	Brown/beige, gray/white, orange, red, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine to coarse	Fine to medium, even to dotted	N/A

IV. CONTRAST RATING KOP 36

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southwest of Canaan Wash From Canaan Gap

View Southwest of Littlecreek Mountain, Short Creek, and Lost Spring Mountain, from top of Littlecreek Mountain

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

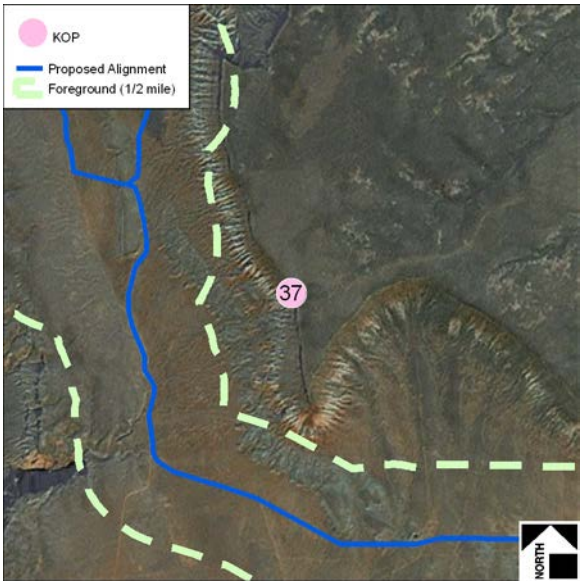
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 37 **VRM:** Class 4
Little Creek Overlook

Location: Township 43S Range 12W Section 19

Notes: Natural gas pipeline occurs within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling w/ variety of diverse vertical land forms	Indistinct, low, amorphous	Indistinct
Line	Horizontal, irregular, complex, diverse	Complex, indistinct	Indistinct, weak
Color	Brown/beige, orange, red; deep blue water	Green, and seasonal colors incl. bright green and straw/yellow	White, gray, black
Texture	Medium to fine; smooth water	Fine, scattered to stippled	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling w/ variety of diverse vertical land forms; squared shape of water where abutting south dam	More distinct, low, amorphous	N/A
Line	Horizontal, irregular, complex, diverse; distinct line of water's edge	Complex, more distinct	N/A
Color	Brown/beige, orange, red; increased deep blue water color	Green, and seasonal colors incl. bright green and straw/yellow	N/A
Texture	Medium to fine; increased smooth water surface	Fine, scattered to stippled	N/A

IV. CONTRAST RATING KOP 37

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southwest from Littlecreek Overlook

View Northwest from Littlecreek Overlook

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation—Panoramic View

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

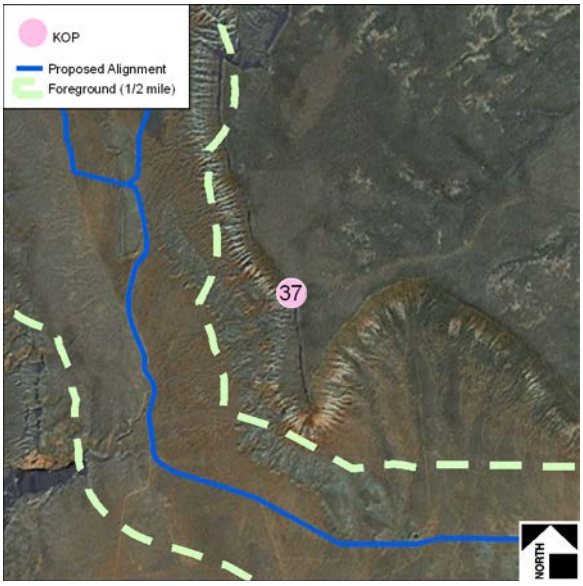
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 37 **VRM:** From Class 3, viewing Class 4
Little Creek Overlook

Location: Township 43S Range 12W Section 19

Notes: Point of Interconnection Substation and HS-4 (Alt) Transmission Line occur within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling w/ variety of diverse vertical land forms	Indistinct, low, amorphous	Indistinct
Line	Horizontal, irregular, complex, diverse	Complex, indistinct	Indistinct, weak
Color	Brown/beige, orange, red; deep blue water	Green, and seasonal colors incl. bright green and straw/yellow	White, gray, black
Texture	Medium to fine; smooth water	Fine, scattered to stippled	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling w/ variety of diverse vertical land forms; squared shape of water where abutting south dam	More distinct, low, amorphous	Generally indistinct, vertical, geometric
Line	Horizontal, irregular, complex, diverse; distinct line of water's edge	Complex, more distinct	Generally indistinct and weak, continuous, linear
Color	Brown/beige, orange, red; increased deep blue water color	Green, and seasonal colors incl. bright green and straw/yellow	Dark brown, grey
Texture	Medium to fine; increased smooth water surface	Fine, scattered to stippled	Repetitive, continuous

IV. CONTRAST RATING KOP 37

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southwest from Littlecreek Overlook

View Northwest from Littlecreek Overlook

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation—Panoramic View

Date: April 15, 2016
District: St. George
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

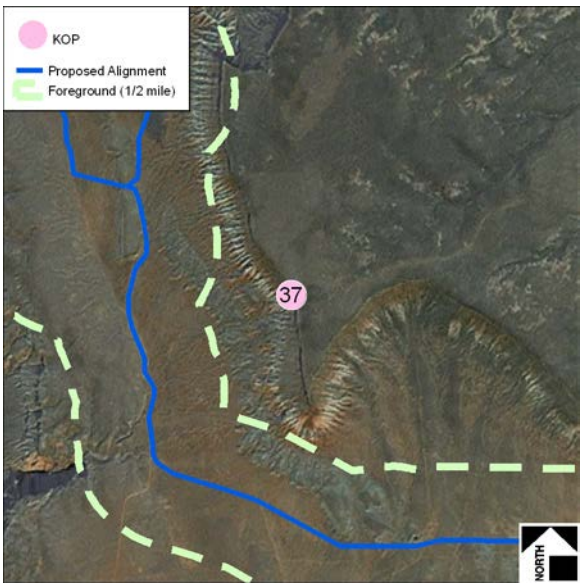
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 37 **VRM:** Class 4
Little Creek Overlook

Location: Township 43S Range 12W Section 19

Notes: HS-4 (Alt), Hurricane Cliffs Forebay and water pipeline occur within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling w/ variety of diverse vertical land forms	Indistinct, low, amorphous	Indistinct
Line	Horizontal, irregular, complex, diverse	Complex, indistinct	Indistinct, weak
Color	Brown/beige, orange, red; deep blue water	Green, and seasonal colors incl. bright green and straw/yellow	White, gray, black
Texture	Medium to fine; smooth water	Fine, scattered to stippled	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling w/ variety of diverse vertical land forms; squared shape of water where abutting south dam	More distinct, low, amorphous	Generally indistinct, though southern dam would be distinct
Line	Horizontal, irregular, complex, diverse; distinct line of water's edge	Complex, more distinct	Generally indistinct and weak, though southern dam would add distinct straight/angled line
Color	Brown/beige, orange, red; increased deep blue water color	Green, and seasonal colors incl. bright green and straw/yellow	White, gray, black; brown/beige dam
Texture	Medium to fine; increased smooth water surface	Fine, scattered to stippled	Fine

IV. CONTRAST RATING KOP 37

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☒	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☒	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐
Line												
ST	☒	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☒	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐
Color												
ST	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐
LT	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐	☒
LT	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southwest from Littlecreek Overlook

View Northwest from Littlecreek Overlook

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation—Panoramic View

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

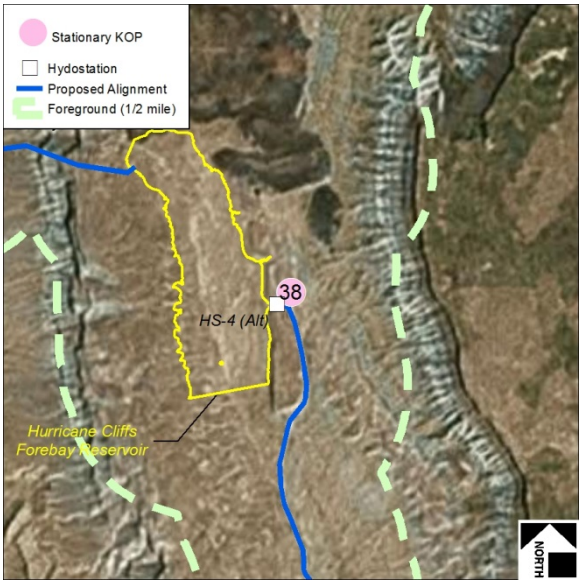
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 38 **VRM:** Class 4
Hydro Station 4 (Alt) from Frog Hollow Road

Location: Township 43S Range 13W Section 13

Notes: Natural gas pipeline occurs in the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with small irregular landforms and vertical cut faces along road	Indistinct, low to medium	Flat Road
Line	Horizontal, flowing	Complex, indistinct	Straight to curving road
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Beige to gray
Texture	Fine, even	Medium to fine, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling	Distinct, low to medium	N/A
Line	Horizontal, flowing	Complex, distinct	N/A
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine, even	Medium to fine, random; more fine	N/A

IV. CONTRAST RATING KOP 38

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southwest from Frog Hollow Road near Proposed HS-4 Location

View Northwest from Frog Hollow Road near Proposed HS-4 Location

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

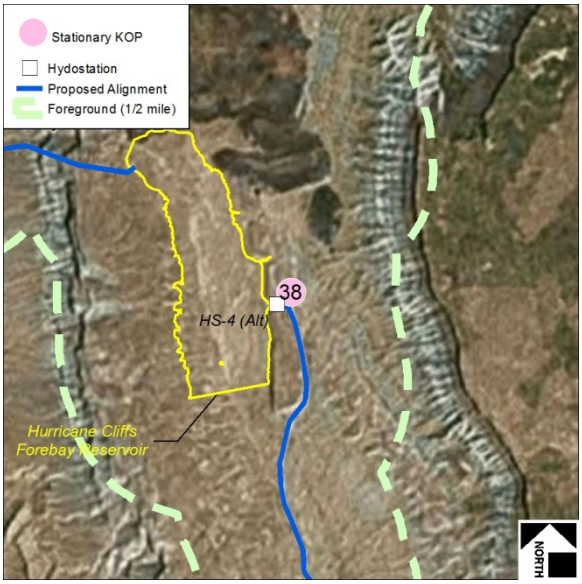
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 38 **VRM:** Class 4
Hydro Station 4 (Alt) from Frog Hollow Road

Location: Township 43S Range 13W Section 13

Notes: HS-4 (Alt) Transmission Line occurs in the foreground; Point of Interconnection Substation occurs within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with small irregular landforms and vertical cut faces along road	Indistinct, low to medium	Flat Road
Line	Horizontal, flowing	Complex, indistinct	Straight to curving road
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Beige to gray
Texture	Fine, even	Medium to fine, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling	Distinct, low to medium	Bold, vertical, geometric
Line	Horizontal, flowing	Complex, distinct	Repeating, vertical, continuous
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, silver; brown/beige
Texture	Fine, even	Medium to fine, random; more fine	Repetitive, continuous

IV. CONTRAST RATING KOP 38

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southwest from Frog Hollow Road near Proposed HS-4 Location

View Northwest from Frog Hollow Road near Proposed HS-4 Location

Date: April 15, 2016
District: St. George
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

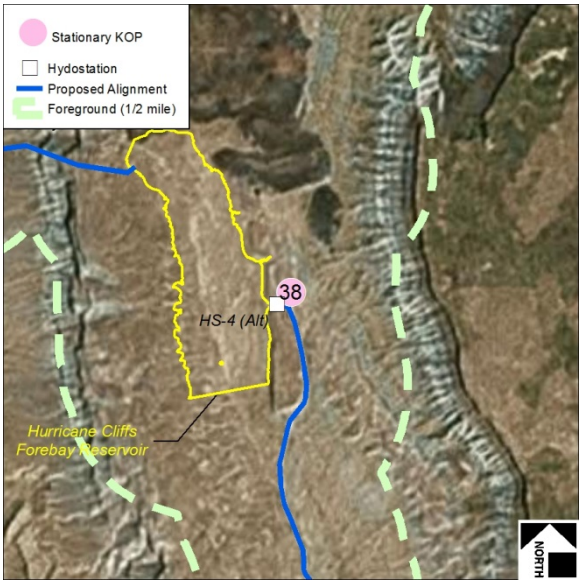
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 38 **VRM:** Class 4
Hydro Station 4 (Alt) from Frog Hollow Road

Location: Township 43S Range 13W Section 13

Notes: HS-4 (Alt), Hurricane Cliffs Forebay and water pipeline occur within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling with small irregular landforms and vertical cut faces along road	Indistinct, low to medium	Flat Road
Line	Horizontal, flowing	Complex, indistinct	Straight to curving road
Color	Brown/beige, orange	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow	Beige to gray
Texture	Fine, even	Medium to fine, random	Fine

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Flat to rolling	Distinct, low to medium	Distinct, rectangular, contrasting, flat road
Line	Horizontal, flowing	Complex, distinct	Horizontal and vertical, repeating, straight to curving road
Color	Brown/beige, orange, lighter where disturbed	Green to blue/gray, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray to brown/beige, solid building color
Texture	Fine, even	Medium to fine, random; more fine	Fine to medium, ordered

IV. CONTRAST RATING KOP 38

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐

Note: ST = short term (0–1 year); LT = long term (5-10 years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View Southwest from Frog Hollow Road near Proposed HS-4 Location

View Northwest from Frog Hollow Road near Proposed HS-4 Location

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

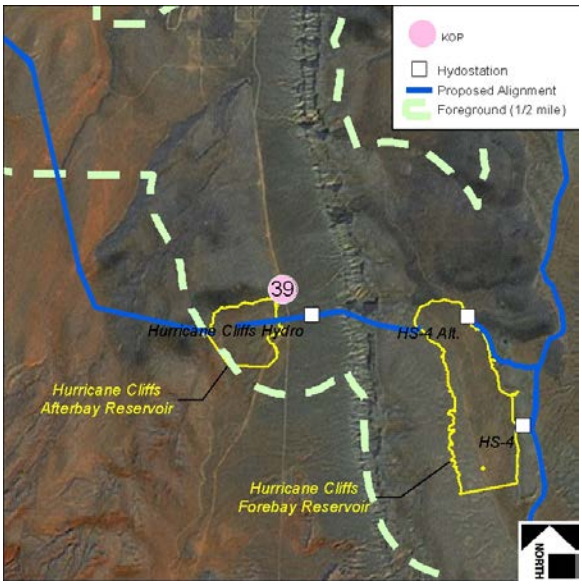
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 39 **VRM:** Class 4
Hurricane Cliffs Road, View to south

Location: Township 43S Range 13W Section 9

Notes: Natural gas pipeline occurs within foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs	Indistinct, low	-
Line	Horizontal to vertical and angled, simple	Complex, indistinct	-
Color	Gray, brown/beige, red/orange soils to south	Green, and seasonal colors incl. bright green and straw/yellow	-
Texture	Fine to coarse	Medium to fine, stippled to gradational	-

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs; cut/fill bench for re-aligned road	Distinct, low	N/A
Line	Horizontal to vertical and angled, simple; straight to curved lines of cut/fill for re-aligned road	Complex, distinct	N/A
Color	Gray, brown/beige, lighter where disturbed	Green, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine to coarse	Medium to fine, stippled to gradational	N/A

IV. CONTRAST RATING KOP 39

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–5 years); LT = long term (20-plus years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View South from Hurricane Cliffs Road.

View Northeast from Hurricane Cliffs Road.

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

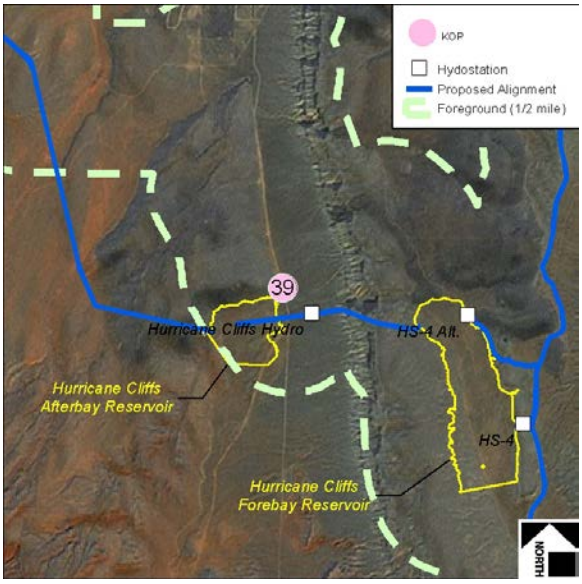
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 39 **VRM:** Class 4
Hurricane Cliffs Road, View to south

Location: Township 43S Range 13W Section 9

Notes: Hurricane Cliffs Hydro Station to Hurricane West Transmission Line occurs within the foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs	Indistinct, low	-
Line	Horizontal to vertical and angled, simple	Complex, indistinct	-
Color	Gray, brown/beige, red/orange soils to south	Green, and seasonal colors incl. bright green and straw/yellow	-
Texture	Fine to coarse	Medium to fine, stippled to gradational	-

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs; cut/fill bench for re-aligned road	Distinct, low	Geometric, bold
Line	Horizontal to vertical and angled, simple; straight to curved lines of cut/fill for re-aligned road	Complex, distinct	Vertical, continuous
Color	Gray, brown/beige, lighter where disturbed	Green, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Brown/ grey, silver
Texture	Fine to coarse	Medium to fine, stippled to gradational	Repetitive, continuous

IV. CONTRAST RATING KOP 39

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐

Note: ST = short term (0–5 years); LT = long term (20-plus years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View South from Hurricane Cliffs Road.

View Northeast from Hurricane Cliffs Road.

Date: April 15, 2016
District: St. George
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

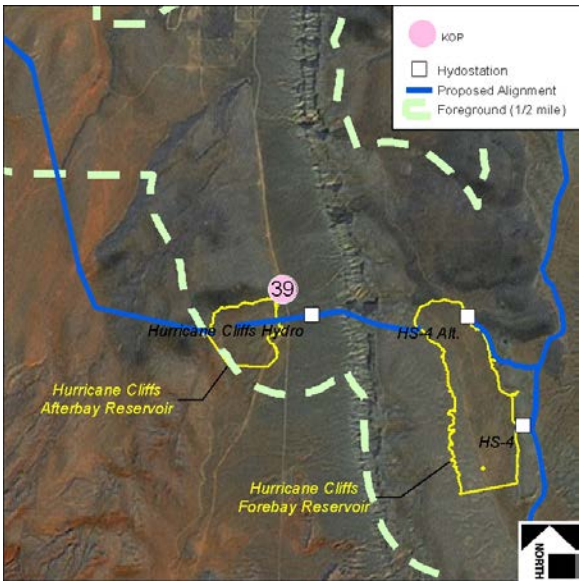
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 39 **VRM:** Class 4
Hurricane Cliffs Road, View to south

Location: Township 43S Range 13W Section 9

Notes: Hurricane Cliffs Hydro Station, Hurricane Cliffs Afterbay, and water pipeline occur within foreground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs	Indistinct, low	-
Line	Horizontal to vertical and angled, simple	Complex, indistinct	-
Color	Gray, brown/beige, red/orange soils to south	Green, and seasonal colors incl. bright green and straw/yellow	-
Texture	Fine to coarse	Medium to fine, stippled to gradational	-

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs; cut/fill bench for re-aligned road	Distinct, low	Geometric, bold
Line	Horizontal to vertical and angled, simple; straight to curved lines of cut/fill for re-aligned road	Complex, distinct	Horizontal and some vertical, bold; distinctive
Color	Gray, brown/beige, lighter where disturbed	Green, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Brow, grey, beige, khaki
Texture	Fine to coarse	Medium to fine, stippled to gradational	Clustered, rigid

IV. CONTRAST RATING KOP 39

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong*	Moderate	Weak	None
Form												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐
LT	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐
Line												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐
LT	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☒	☐	☐	☐

Note: ST = short term (0–5 years); LT = long term (20-plus years)

- Denotes Very Strong contrast

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☒ Yes ☐ No

Additional mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

View South from Hurricane Cliffs Road.

View Northeast from Hurricane Cliffs Road.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Zero to One Year Post-Construction Conditions Simulation—Left Side Enlargement

Zero to One Year Post-Construction Conditions Simulation—Right Side Enlargement

Five to Ten Years Post-Construction Conditions Simulation—Left Side Enlargement
(Simulation to be completed when additional information is available)

Five to Ten Years Post-Construction Conditions Simulation—Right Side Enlargement

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

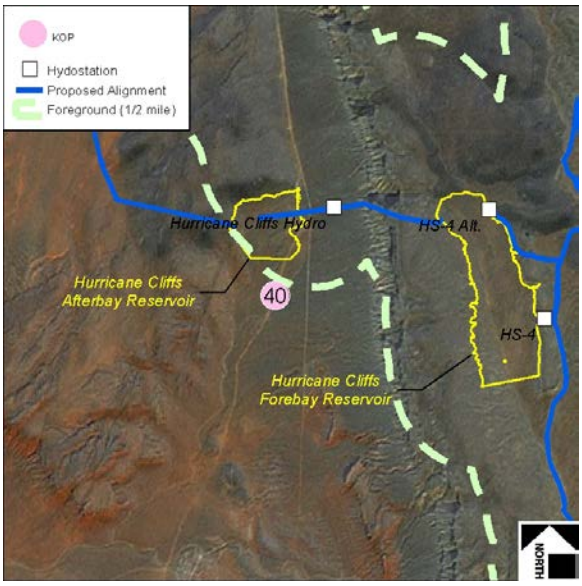
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 40 **VRM:** Class 4
Hurricane Cliffs - Unnamed OHV road, View to North

Location: Township 43S Range 13W Section 9

Notes: Natural gas pipeline occurs within middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs	Indistinct, low	
Line	Horizontal to vertical and angled, simple	Complex, indistinct	
Color	Gray, brown/beige, reds/oranges of soils	Green, and seasonal colors incl. bright green and straw/yellow	
Texture	Fine to coarse	Medium to fine, stippled to gradational	

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs; cut/fill bench for re-aligned road	Distinct, low	N/A
Line	Horizontal to vertical and angled, simple; straight to curved lines of cut/fill for re-aligned road	Complex, Distinct	N/A
Color	Gray, brown/beige, lighter where disturbed, reds and oranges still visible	Green, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	N/A
Texture	Fine to coarse	Medium to fine, stippled to gradational	N/A

IV. CONTRAST RATING KOP 40

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒

Note: ST = short term (0–5 years); LT = long term (20-plus years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View North from Unnamed BLM Road.

View Northeast from Unnamed BLM Road.

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Electric Transmission System

Evaluators: Diane Simpson-Colebank, Chris Bockey

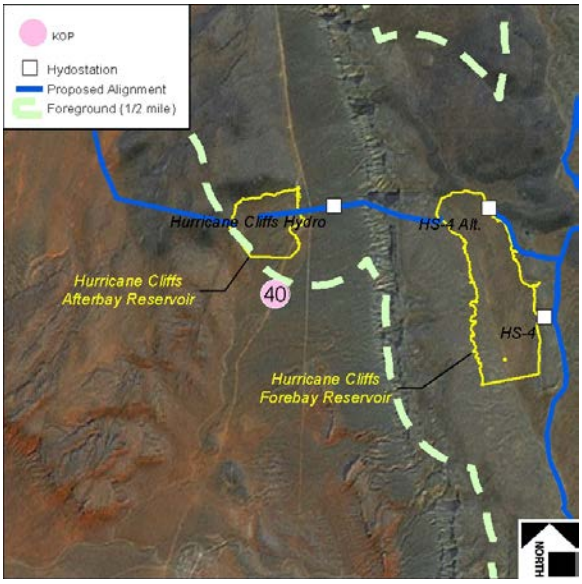
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 40 **VRM:** Class 4
Hurricane Cliffs - Unnamed OHV road, View to North

Location: Township 43S Range 13W Section 9

Notes: Hurricane Cliffs Hydro Station to Hurricane West Transmission Line occurs within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs	Indistinct, low	
Line	Horizontal to vertical and angled, simple	Complex, indistinct	
Color	Gray, brown/beige, reds/oranges of soils	Green, and seasonal colors incl. bright green and straw/yellow	
Texture	Fine to coarse	Medium to fine, stippled to gradational	

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs; cut/fill bench for re-aligned road	Distinct, low	Vertical, geometric
Line	Horizontal to vertical and angled, simple; straight to curved lines of cut/fill for re-aligned road	Complex, Distinct	Repeating, vertical, continuous
Color	Gray, brown/beige, lighter where disturbed, reds and oranges still visible	Green, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Gray, silver; brown/beige
Texture	Fine to coarse	Medium to fine, stippled to gradational	Repetitive, continuous

IV. CONTRAST RATING KOP 40

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☐

Note: ST = short term (0–5 years); LT = long term (20-plus years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☐ Yes ☒ No

View North from Unnamed BLM Road.

View Northeast from Unnamed BLM Road.

Date: April 15, 2016
District: St. George
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

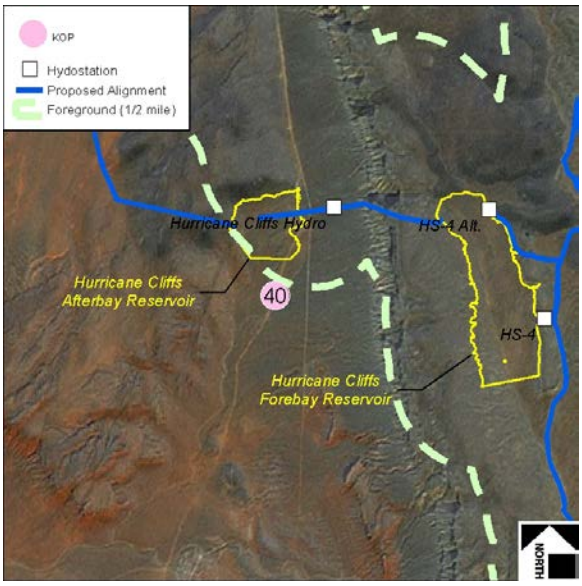
I. PROJECT INFORMATION

Project Name: Lake Powel Pipeline

KOP: 40 **VRM:** Class 4
Hurricane Cliffs - Unnamed OHV road, View to North

Location: Township 43S Range 13W Section 9

Notes: Hurricane Cliffs Afterbay occurs within the foreground; Hurricane Cliffs Hydro Station and water pipeline occur within the middleground



II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs	Indistinct, low	
Line	Horizontal to vertical and angled, simple	Complex, indistinct	
Color	Gray, brown/beige, reds/oranges of soils	Green, and seasonal colors incl. bright green and straw/yellow	
Texture	Fine to coarse	Medium to fine, stippled to gradational	

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Wide, flat valley w/ gentle slopes up to vertical land forms and cliffs; cut/fill bench for re-aligned road	Distinct, low	Geometric, bold
Line	Horizontal to vertical and angled, simple; straight to curved lines of cut/fill for re-aligned road	Complex, Distinct	Horizontal and some vertical, bold
Color	Gray, brown/beige, lighter where disturbed, reds and oranges still visible	Green, and seasonal colors incl. bright green and straw/yellow, bright green in disturbed areas	Brown/beige
Texture	Fine to coarse	Medium to fine, stippled to gradational	Fine to medium

IV. CONTRAST RATING KOP 40

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☒	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐
LT	☒	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐
Line												
ST	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐
LT	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐	☐
Color												
ST	☐	☒	☐	☐	☐	☐	☒	☐	☒	☐	☐	☐
LT	☐	☐	☒	☐	☐	☐	☐	☒	☒	☐	☐	☐
Texture												
ST	☐	☒	☐	☐	☐	☐	☐	☒	☒	☐	☐	☐
LT	☐	☒	☐	☐	☐	☐	☐	☒	☒	☐	☐	☐

Note: ST = short term (0–5 years); LT = long term (20-plus years)

Summary and Recommendations

Does project design meet visual resource objectives? ☒ Yes ☐ No

Additional mitigation measures recommended? ☒ Yes ☐ No Additional mitigation as included in Chapter 5, as well as site specific mitigation identified in POD.

View North from Unnamed BLM Road.

View Northeast from Unnamed BLM Road.

Existing Conditions

Zero to One Year Post-Construction Conditions Simulation

Five to Ten Years Post-Construction Conditions Simulation

Date: April 15, 2016
District: St. George
Proposed Power Generating Alternative: Natural Gas Generating

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powell Pipeline

KOP: 41 **VRM:** N/A
Sand Hollow State Park

Location: Township 42 S Range 14 W Section 24

Notes: Natural gas pipeline occurs within the middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling hills and flat mesas, flat water surface	Low, indistinct, irregular	Rectangular, distinct
Line	Horizontal, angled, irregular; jagged in foreground	Indistinct	Horizontal, vertical, regular, distinct
Color	Brown to reddish tan, light to dark grey	Gray and green	Brown to red/brown
Texture	Fine to medium; rough and jagged in foreground	Fine, even to stippled	Smooth surfaces, coarse forms

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling hills and flat mesas, flat water surface	Low, indistinct, irregular	Rectangular, more distinct
Line	Horizontal, angled, irregular; jagged in foreground	Indistinct	Horizontal, vertical, regular, more distinct
Color	Brown to reddish tan, light to dark grey, lighter in disturbed areas	Gray and green, brighter green in disturbed areas	Brown to red/brown
Texture	Fine to medium; rough and jagged in foreground	Fine, even to stippled	Smooth surfaces, coarse forms

IV. CONTRAST RATING (KOP 41)

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
Texture												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐

Note: ST = short term (0–5 years); LT = long term (20-plus years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on state land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to South from main parking/boat launch area.

View to Southeast from main parking/boat launch area.

Date: April 13, 2010
District: St. George
Resource Area:
Activity (program): Water Pipeline/Transmission Line
Evaluators: Mark Meyer, Craig Johnson

I. PROJECT INFORMATION

Project Name: Lake Powell Pipeline

KOP: 41 **VRM:** N/A
Sand Hollow State Park

Location: Township 42 S Range 14 W Section 24

Notes: Sand Hollow to Dixie Springs Transmission Line occurs within the middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling hills and flat mesas, flat water surface	Low, indistinct, irregular	Rectangular, distinct
Line	Horizontal, angled, irregular; jagged in foreground	Indistinct	Horizontal, vertical, regular, distinct
Color	Brown to reddish tan, light to dark grey	Gray and green	Brown to red/brown
Texture	Fine to medium; rough and jagged in foreground	Fine, even to stippled	Smooth surfaces, coarse forms

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling hills and flat mesas, flat water surface	Low, indistinct, irregular	Vertical, geometric
Line	Horizontal, angled, irregular; jagged in foreground	Indistinct	Repeating, vertical, continuous
Color	Brown to reddish tan, light to dark grey, lighter in disturbed areas	Gray and green, brighter green in disturbed areas	Gray, silver; brown/beige
Texture	Fine to medium; rough and jagged in foreground	Fine, even to stippled	Repetitive, continuous

IV. CONTRAST RATING (KOP 41)

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Line												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Color												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
Texture												
ST	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐
LT	☐	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐

Note: ST = short term (0–5 years); LT = long term (20-plus years)

Summary and Recommendations

Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on state land.

Additional mitigation measures recommended? ☐ Yes ☒ No

View to South from main parking/boat launch area.

View to Southeast from main parking/boat launch area.

Date: April 15, 2016
District: St. George
Proposed Water Pipeline Alternative(s): South Water Pipeline

Evaluators: Diane Simpson-Colebank, Chris Bockey

I. PROJECT INFORMATION

Project Name: Lake Powell Pipeline

KOP: 41 **VRM:** N/A
Sand Hollow State Park

Location: Township 42 S Range 14 W Section 24

Notes: Sand Hollow Hydro Station and water pipeline occur within the middleground

II. CHARACTERISTIC LANDSCAPE DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling hills and flat mesas, flat water surface	Low, indistinct, irregular	Rectangular, distinct
Line	Horizontal, angled, irregular; jagged in foreground	Indistinct	Horizontal, vertical, regular, distinct
Color	Brown to reddish tan, light to dark grey	Gray and green	Brown to red/brown
Texture	Fine to medium; rough and jagged in foreground	Fine, even to stippled	Smooth surfaces, coarse forms

III. PROPOSED ACTIVITY DESCRIPTION

	Land/Waterbody	Vegetation	Structures
Form	Rolling hills and flat mesas, flat water surface	Low, indistinct, irregular	Rectangular, more distinct
Line	Horizontal, angled, irregular; jagged in foreground	Indistinct	Horizontal, vertical, regular, more distinct
Color	Brown to reddish tan, light to dark grey, lighter in disturbed areas	Gray and green, brighter green in disturbed areas	Brown to red/brown
Texture	Fine to medium; rough and jagged in foreground	Fine, even to stippled	Smooth surfaces, coarse forms

IV. CONTRAST RATING (KOP 41)

	Land/Waterbody				Vegetation				Structures			
	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None
Form												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
Line												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
Color												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
Texture												
ST	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐
LT	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☒	☐

Note: ST = short term (0–5 years); LT = long term (20-plus years)

Summary and Recommendations

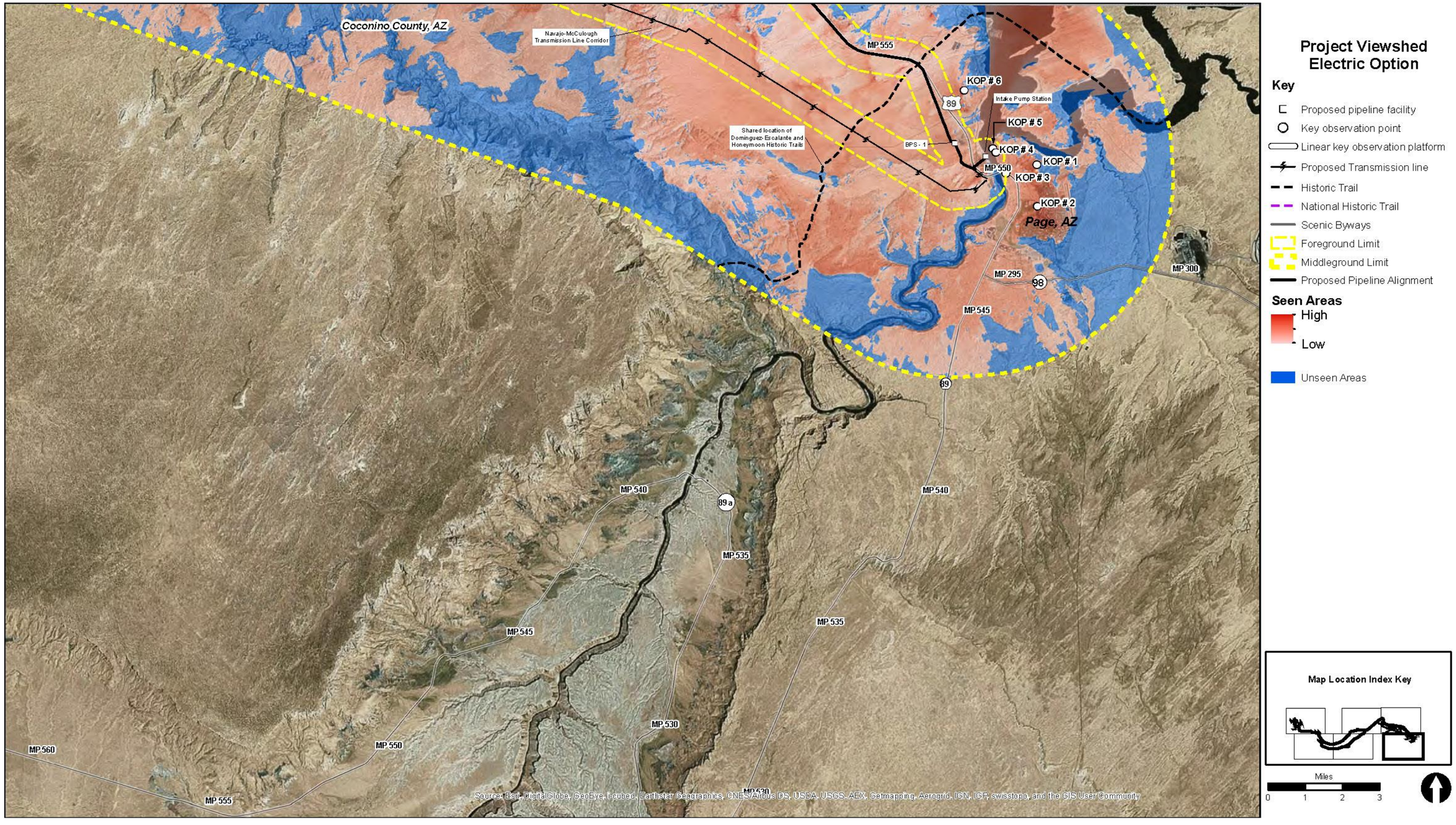
Does project design meet visual resource objectives? ☐ Yes ☐ No Not applicable on state land.

Additional mitigation measures recommended? ☐ Yes ☒ No

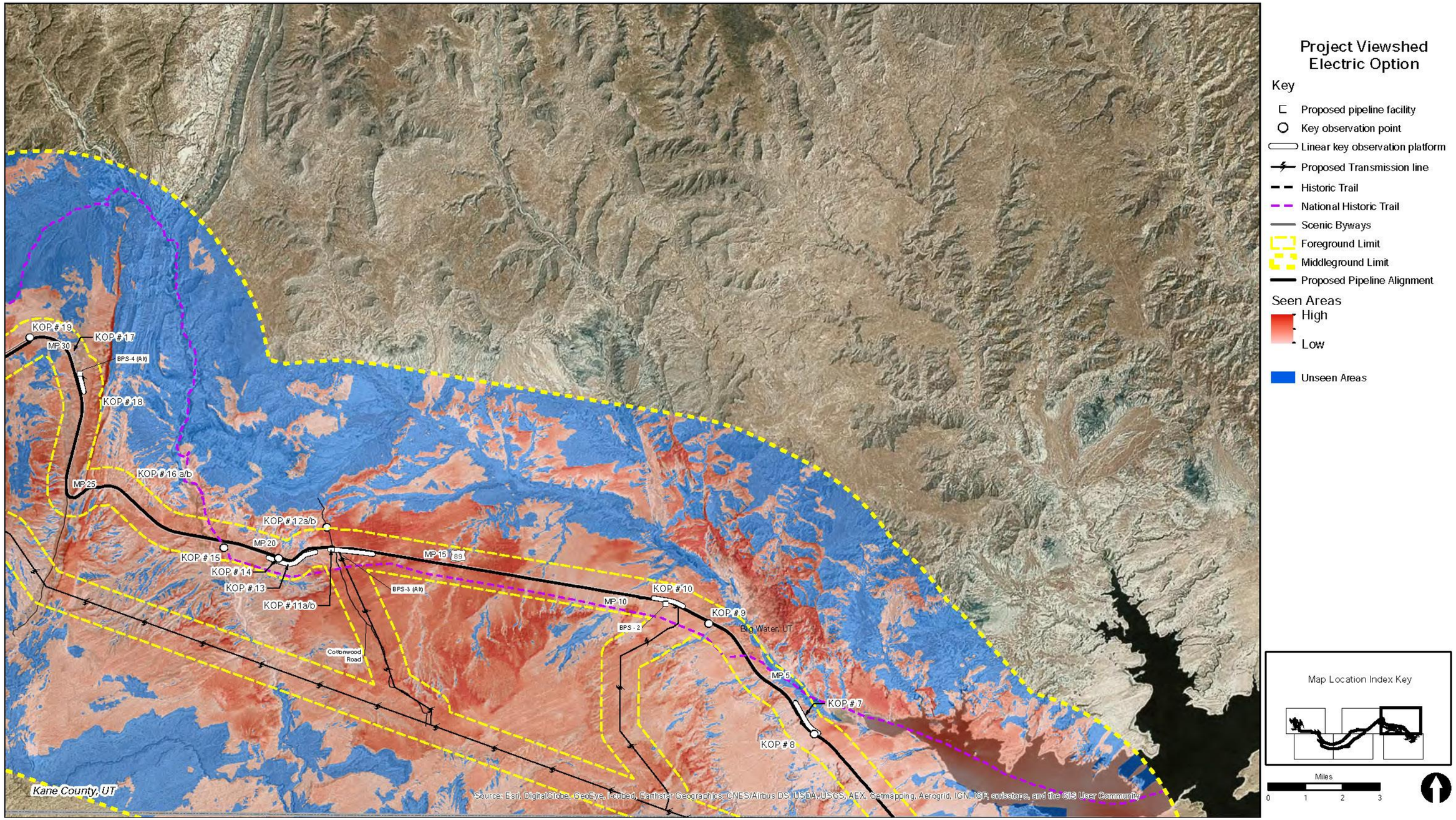
View to South from main parking/boat launch area.

View to Southeast from main parking/boat launch area.

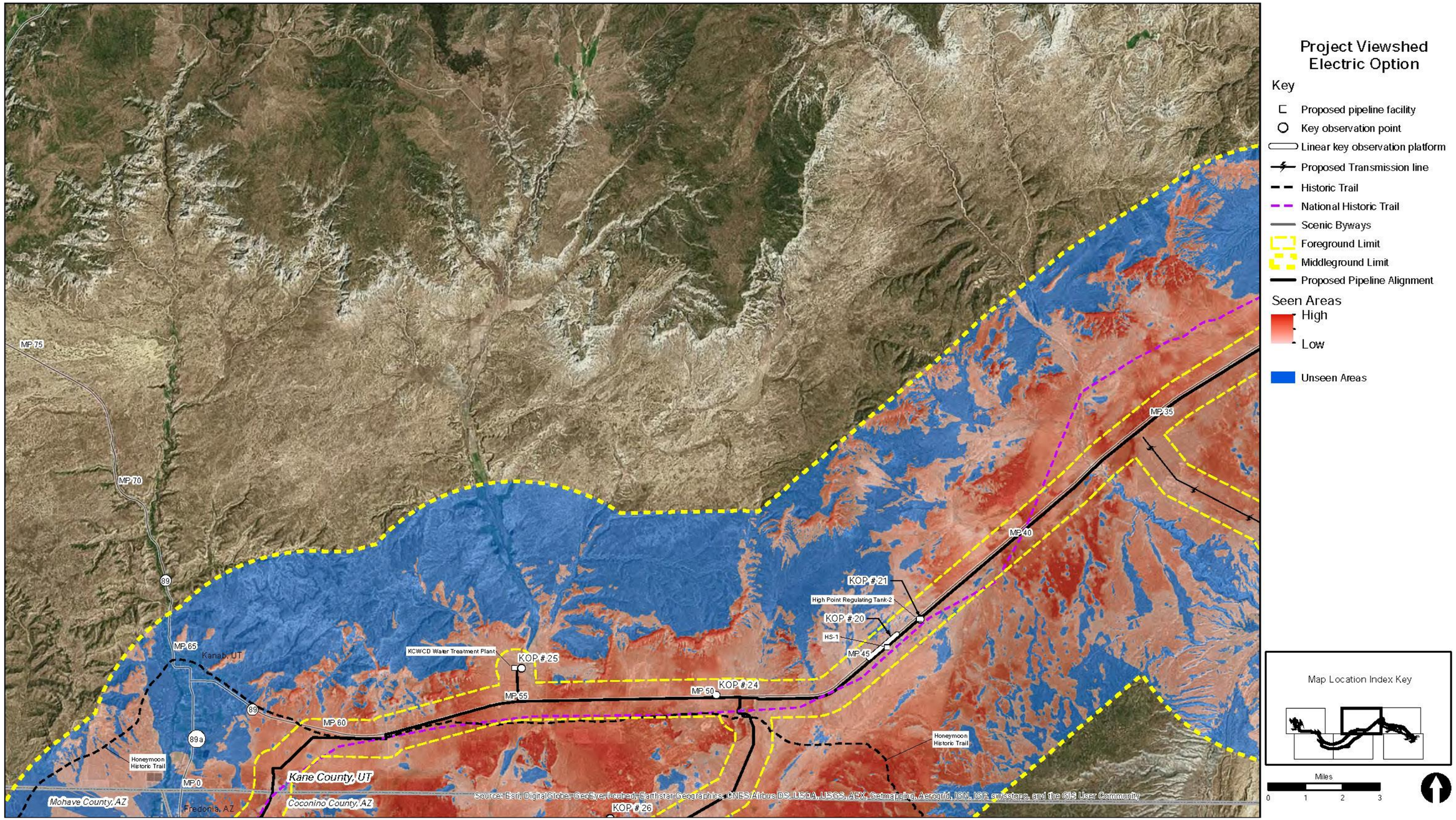
Appendix B
Visibility Analysis Maps—Power Generating Alternatives



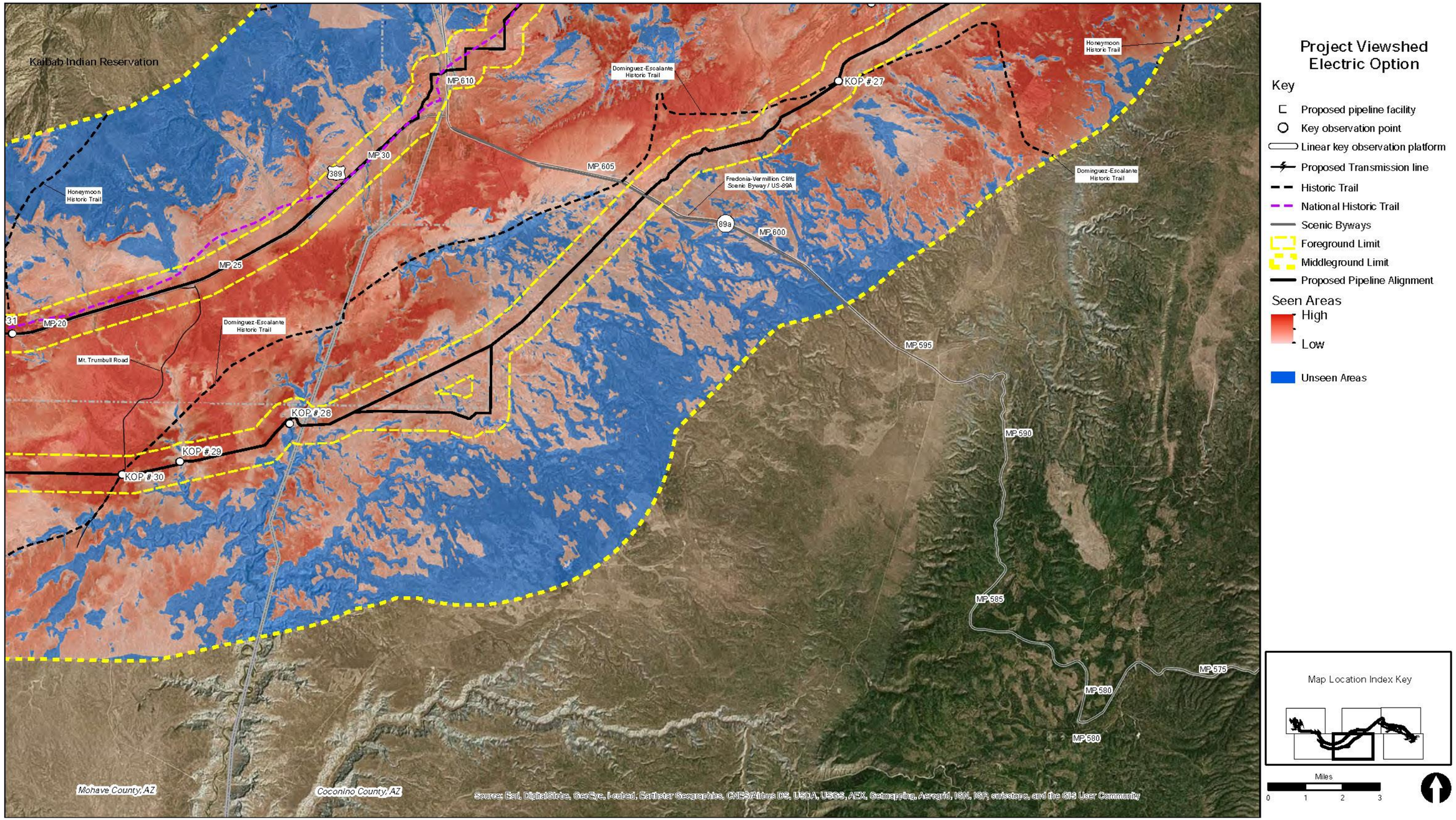
Proposed Power Generating Alternative – Electric Transmission System
Electric Option, Map 1



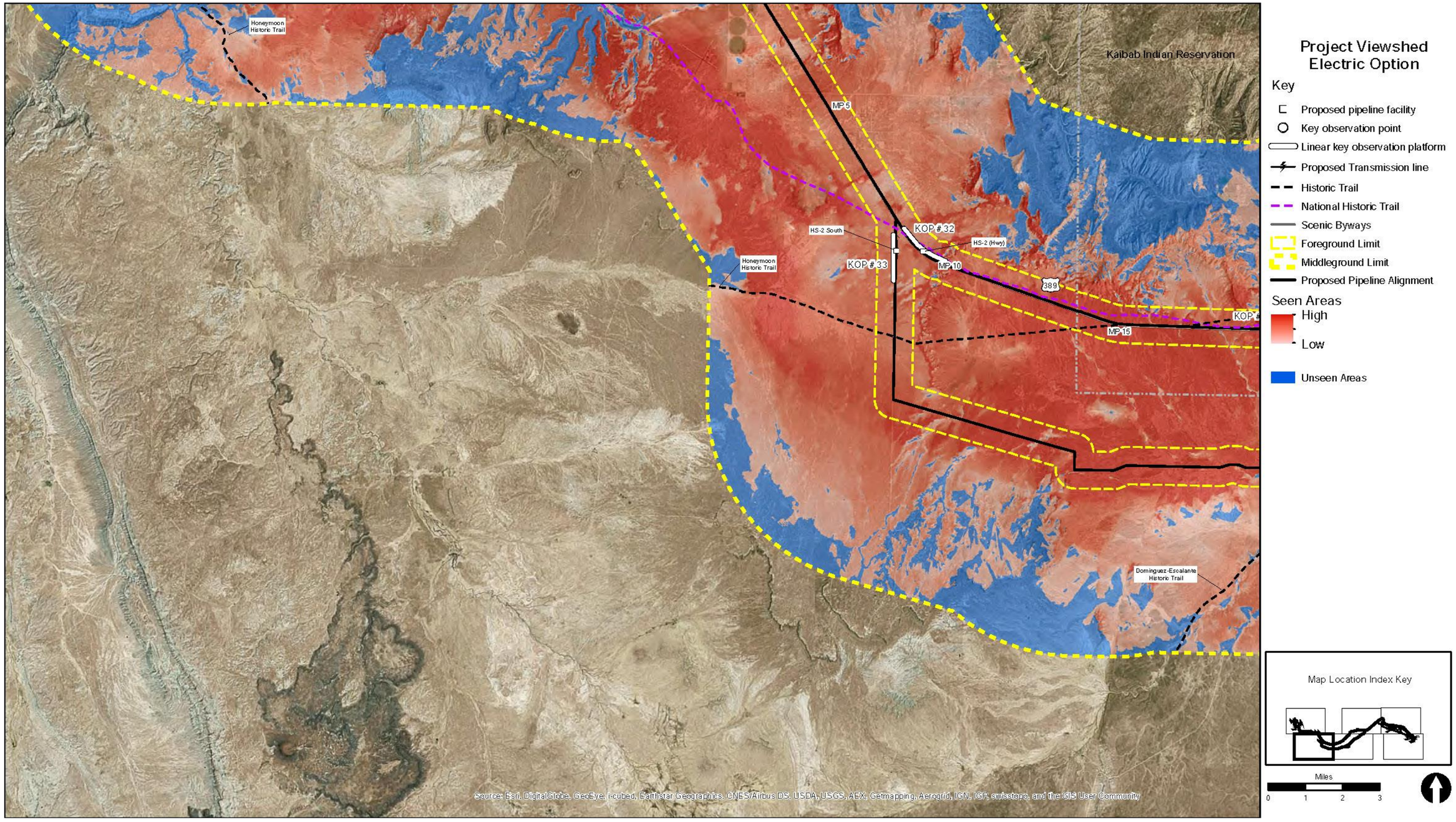
Proposed Power Generating Alternative – Electric Transmission System
Electric Option, Map 2



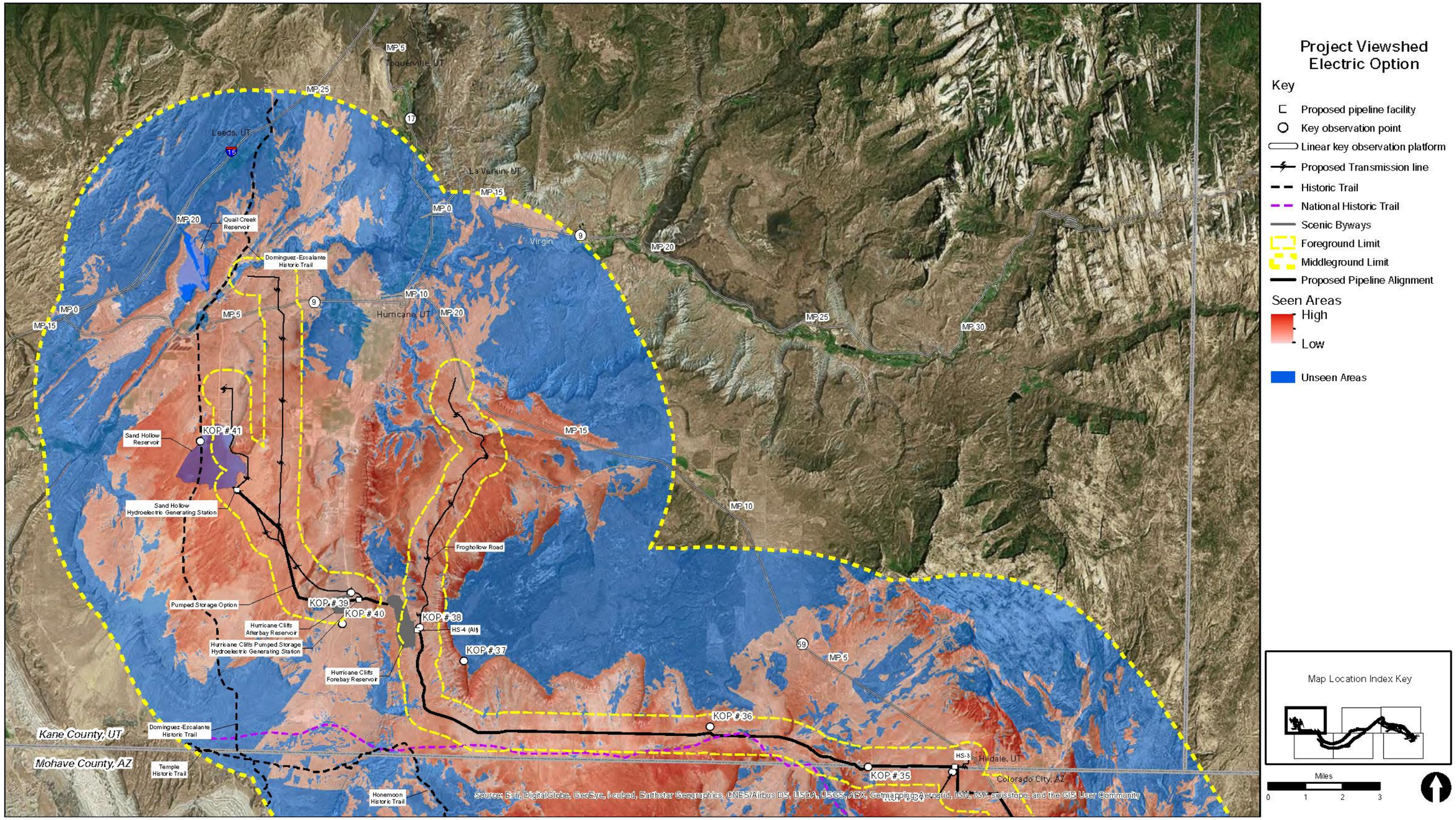
Proposed Power Generating Alternative – Electric Transmission System
Electric Option, Map 3



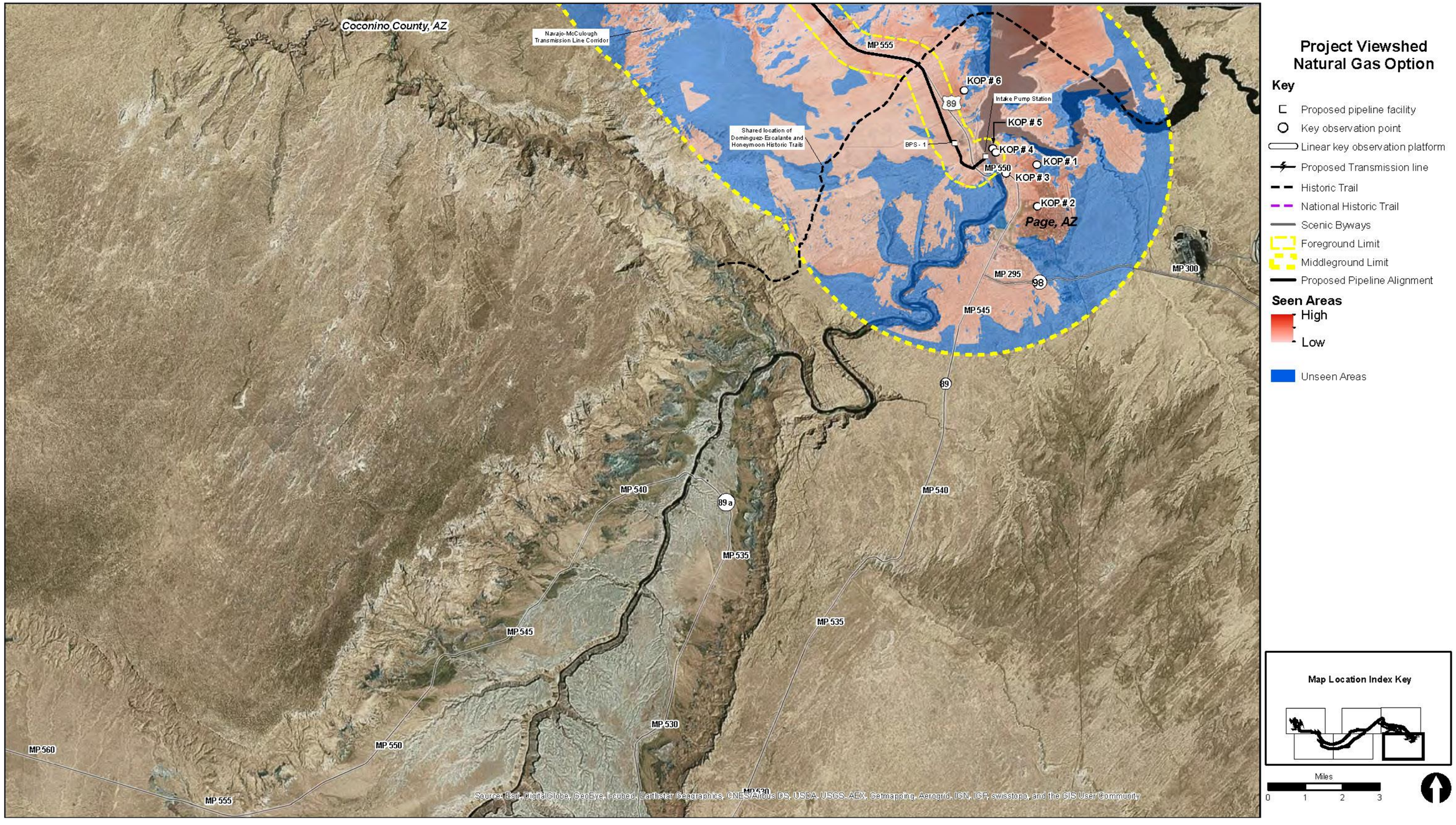
Proposed Power Generating Alternative – Electric Transmission System
Electric Option, Map 4



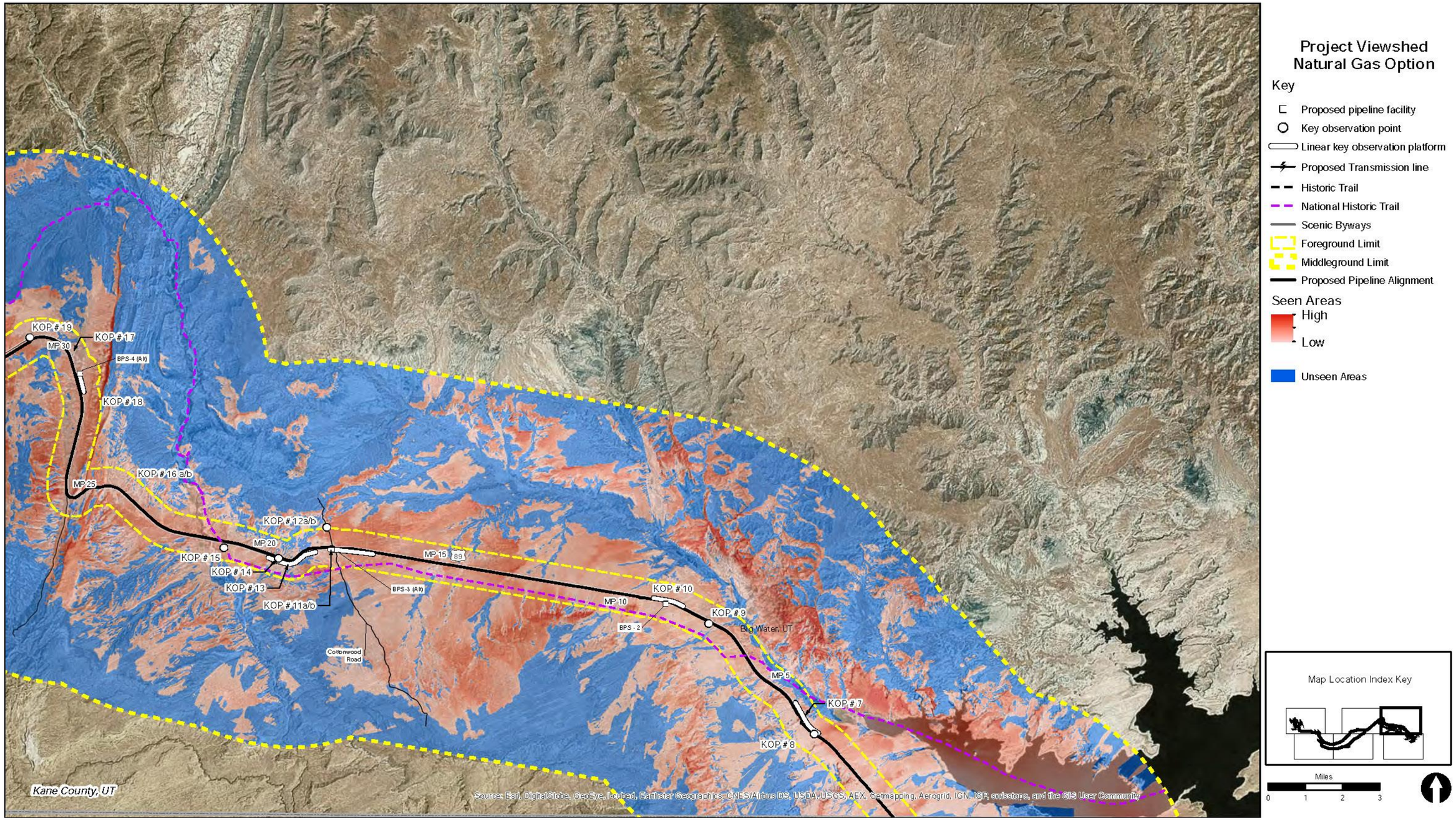
Proposed Power Generating Alternative – Electric Transmission System
Electric Option, Map 5



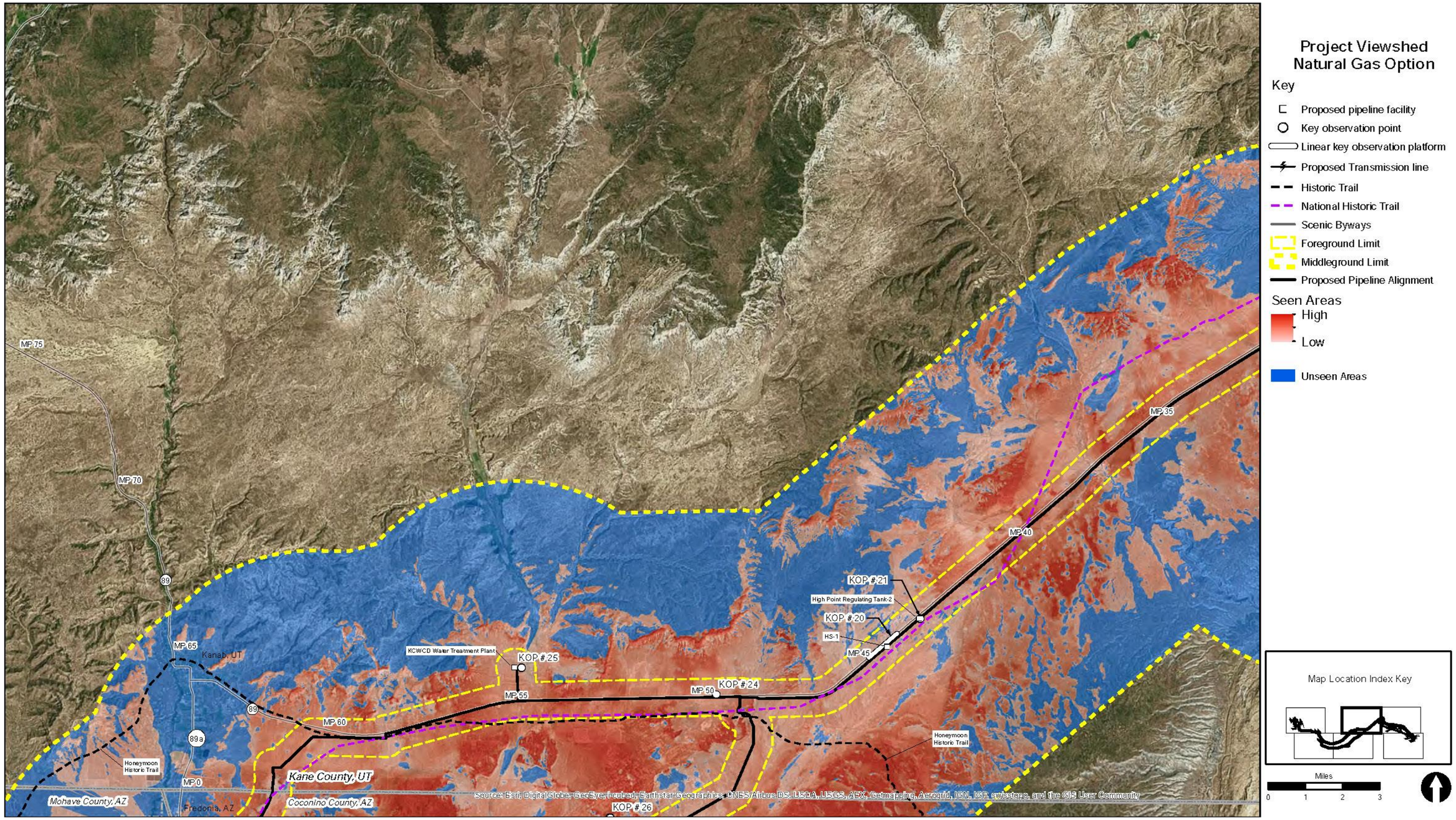
Proposed Power Generating Alternative – Electric Transmission System
Electric Option, Map 6



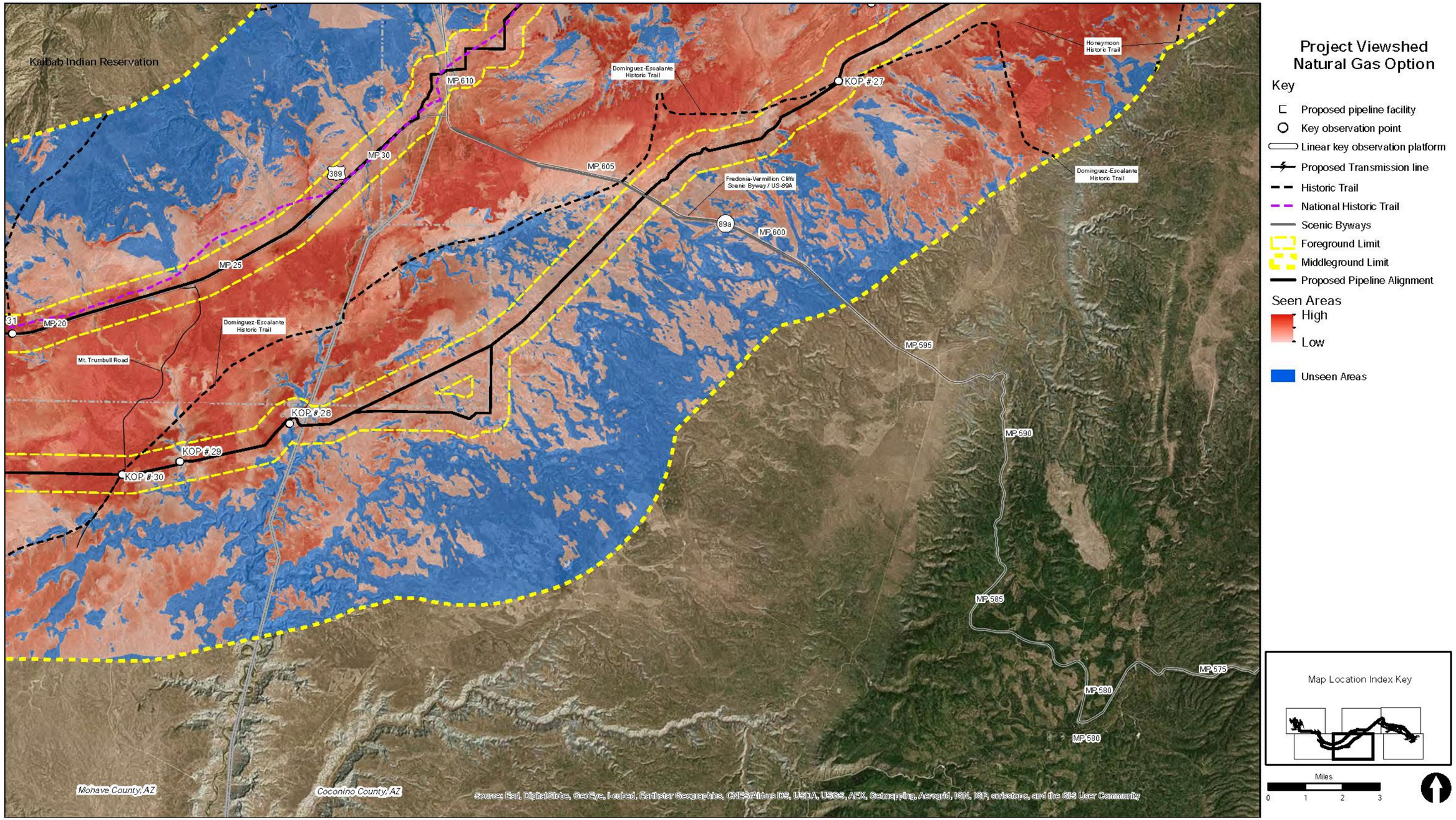
Proposed Power Generating Alternative – Natural Gas Generating System
Natural Gas Option, Map 1



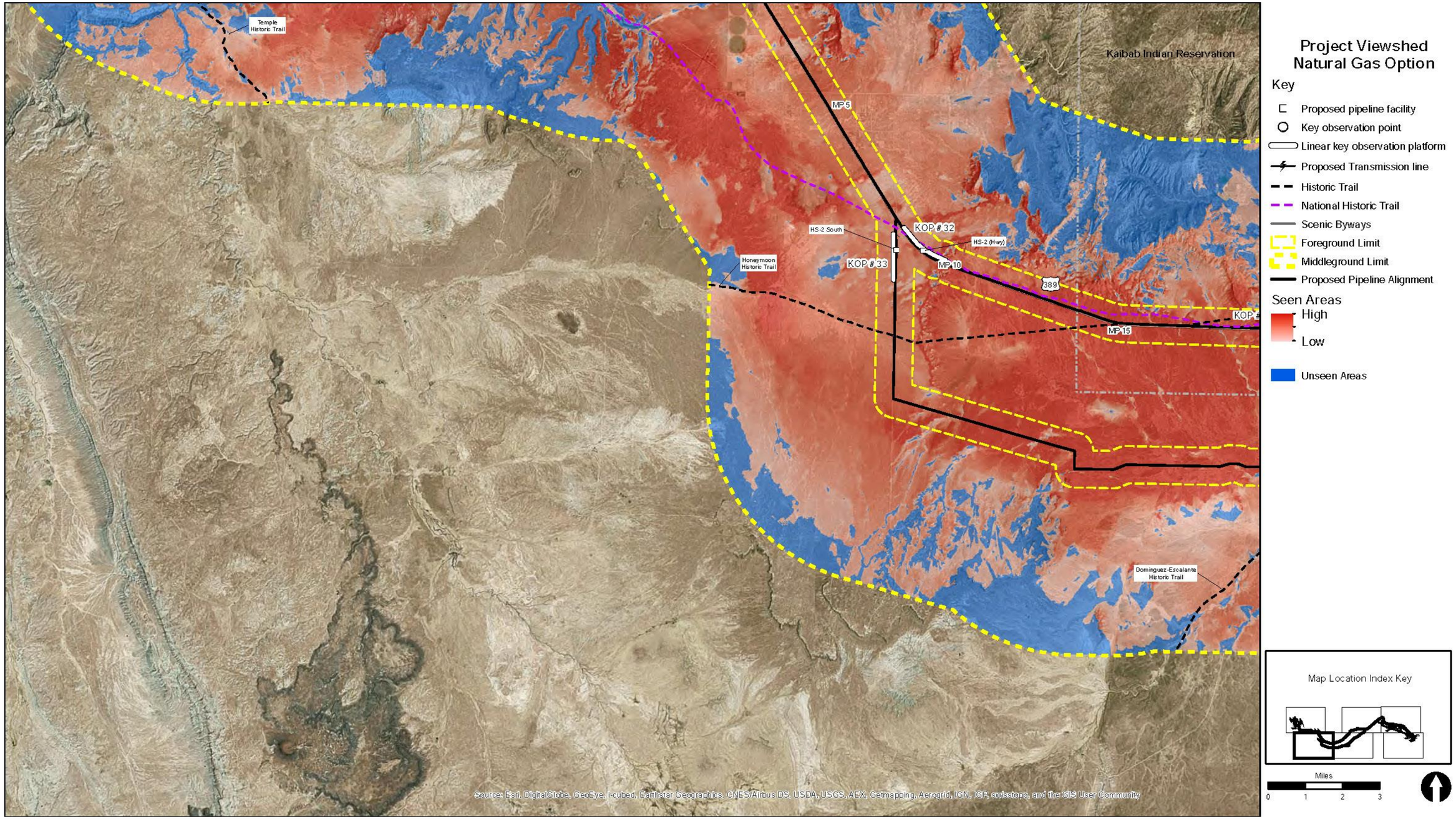
Proposed Power Generating Alternative – Electric Transmission System
Natural Gas Option, Map 2



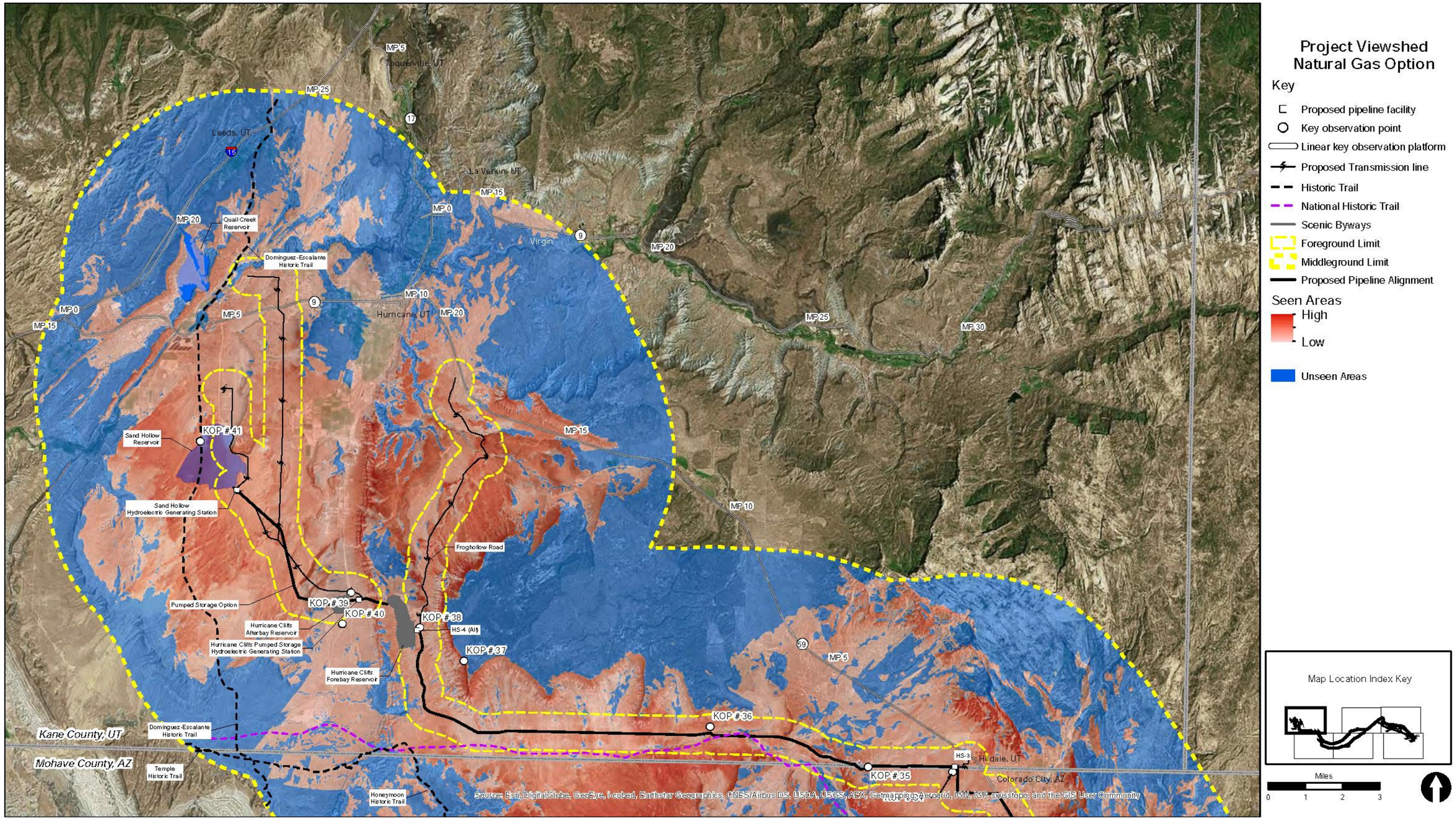
Proposed Power Generating Alternative – Electric Transmission System
Natural Gas Option, Map 3



Proposed Power Generating Alternative – Electric Transmission System
Natural Gas Option, Map 4



Proposed Power Generating Alternative – Electric Transmission System
Natural Gas Option, Map 5



Proposed Power Generating Alternative – Electric Transmission System
Natural Gas Option, Map 6