

## KOP: Gregory Point | Season: Spring | Time of Day: Morning

Base Photographic Documentation		Turbine Information	Image Previev	
Date (MM/DD/YYYY): Time (24hr): GPS Longitude: GPS Latitude: Viewpoint Elevation (ft): Camera Height (ft): Camera Heading:	3/30/2023 9:09 -124.3746743 43.33986963 60.2165 5.41 WNW	Distance to Nearest Turbine (Miles): Number of Turbines: Hub Height (ft): Support Structure Height (ft): Rotor Diameter (ft): Total Height to Tip of Blade (ft):	35.75 262 725 106 935 1,171	
<b>Camera Information</b> Camera Make & Model: Camera Sensor Size: Lens Make & Model: Lens Focal Length:	Canon EOS 5DS R 36mm x 24mm Sigma F1.4 DG HSM A023 20mm	Sun, Sky, and Weather Information Sun Azimuth: Sun Elevation: Lighting Angle (On Turbines): Weather Conditions:	114.54 41.63 Right Lit Overcast	Context Map
Field of View:	65.47ø (H) / 46.397ø (V)	Predicted Visibility (Miles): Temperature (°F): Temperature (°C): Humidity (%): SQM Reading:	33.15 44 7 93 N/A	

### **Viewing Instructions**

For 11 x 17 inch Printed Display: For On-Screen Display:

Viewing distance is 19.7 inches (500 mm) Viewing distance is 19.7 inches (500 mm)

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### • Key Observation Point (KOP)

Turbines



Gregory Point, Morning, Heading NNW - Existing View

For on-screen display: Scale bar to be 4 inches wide Viewing distance 19.7 inches



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Gregory Point, Morning, Heading NNW - Proposed View - Predicted Visibility

For on-screen display: Scale bar to be 4 inches wide Viewing distance 19.7 inches



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KEY OBSERVATION POINT - GREGORY POINT PROPOSED VIEW - PREDICTED VISIBILITY - 50MM CROP - (SPRING / MORNING)

For of

For on-screen display: Scale bar to be 4 inches wide Viewing distance 19.7 inches



Gregory Point, Morning, Heading NNW - Proposed View - Maximum Visibility





KEY OBSERVATION POINT - GREGORY POINT PROPOSED VIEW - MAXIMUM VISIBILITY - 50MM CROP - (SPRING / MORNING)

For c

For on-screen display: Scale bar to be 4 inches wide Viewing distance 19.7 inches



## **KOP: Gregory Point** | Season: Spring | Time of Day: Noon

Base Photographic Documentation	on	Turbine Information		Image Preview
Date (MM/DD/YYYY): Time (24hr): GPS Longitude: GPS Latitude: Viewpoint Elevation (ft): Camera Height (ft): Camera Heading:	4/14/2023 13:01 -124.3746743 43.33986963 60.2165 5.41 NNW	Distance to Nearest Turbine (Miles): Number of Turbines: Hub Height (ft): Support Structure Height (ft): Rotor Diameter (ft): Total Height to Tip of Blade (ft):	35.75 262 725 106 935 1,171	
<b>Camera Information</b> Camera Make & Model: Camera Sensor Size:	Canon EOS 5DS R 36mm x 24mm	<b>Sun, Sky, and Weather Information</b> Sun Azimuth: Sun Elevation:	200.57 52.46	
Lens Make & Model:	Sigma F1.4 DG HSM A024	Lighting Angle (On Turbines):	Top-Left Lit	

Weather Conditions:

Temperature (°F):

Temperature (°C): Humidity (%):

SQM Reading:

Predicted Visibility (Miles):

### **Context Map**

Partly Cloudy

19.70

52 11

71

N/A



### **Viewing Instructions**

Lens Focal Length:

Field of View:

For 11 x 17 inch Printed Display: For On-Screen Display:

Viewing distance is 19.7 inches (500 mm) Viewing distance is 19.7 inches (500 mm)

65.47ø (H) / 46.397ø (V)

20mm

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### • Key Observation Point (KOP)

Turbines



Gregory Point, Noon, Heading NNW - Existing View

BOCEAN ENERGY MANAGEMENT KW Oregon Offshore Wind Gregory Point Spring / Noon Heading NNW Viewpoint Location 43.33986963 Latitude: -124.3746743 ongitude: 60.2165 Elevation of Viewpoint Position: 5.41 ft Height of Camera Above Ground: Date of Photography: 4/14/2023 at 13:01 Horizontal Field of View: 124° Vertical Field of View: 55° CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS 19.7 in NOTES: Viewpoint locations have been precision surveyed by **Surveyor** Westland Resources Engineering & Environmental Services Inc Portland, OR (971) 256-0046 Heights are above mean sea level. Structure design and placement are subject to final engineering. No part of this photo simulation shall be altered in any way. Photo Simulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2) Provided by Truescape®

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Gregory Point, Noon, Heading NNW - Proposed View - Predicted Visibility

BOCEAN ENERGY MANAGEMENT KW Oregon Offshore Wind Gregory Point Spring / Noon Heading NNW Viewpoint Location 43.33986963 Latitude: -124.3746743 ongitude: 60.2165 Elevation of Viewpoint Position: 5.41 ft Height of Camera Above Ground: Date of Photography: 4/14/2023 at 13:01 Horizontal Field of View: 124° Vertical Field of View: 55° CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS 19.7 in NOTES: Viewpoint locations have been precision surveyed by **Surveyor** Westland Resources Engineering & Environmental Services Inc Portland, OR (971) 256-0046 Heights are above mean sea level. Structure design and placement are subject to final engineering. No part of this photo simulation shall be altered in any way. Photo Simulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2) Provided by Truescape®

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KEY OBSERVATION POINT - GREGORY POINT PROPOSED VIEW - PREDICTED VISIBILITY - 50MM CROP - (SPRING / NOON)

> For on-screen display: Scale bar to be 4 inches wide Viewing distance 19.7 inches



Gregory Point, Noon, Heading NNW - Proposed View - Maximum Visibility

BOCEAN ENERGY MANAGEMENT KW Oregon Offshore Wind Gregory Point Spring / Noon Heading NNW Viewpoint Location 43.33986963 Latitude: -124.3746743 ongitude: 60.2165 Elevation of Viewpoint Position: 5.41 ft Height of Camera Above Ground: Date of Photography: 4/14/2023 at 13:01 Horizontal Field of View: 124° Vertical Field of View: 55° CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS 19.7 in NOTES: Viewpoint locations have been precision surveyed by **Surveyor** Westland Resources Engineering & Environmental Services Inc Portland, OR (971) 256-0046 Heights are above mean sea level. Structure design and placement are subject to final engineering. No part of this photo simulation shall be altered in any way. Photo Simulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2) Provided by Truescape®

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KEY OBSERVATION POINT - GREGORY POINT PROPOSED VIEW - MAXIMUM VISIBILITY - 50MM CROP - (SPRING / NOON)

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## **KOP: Gregory Point** | Season: Spring | Time of Day: Afternoon

Base Photographic Documer	ntation	Turbine Information		Image Preview
Date (MM/DD/YYYY): Time (24hr): GPS Longitude: GPS Latitude: Viewpoint Elevation (ft): Camera Height (ft): Camera Heading:	4/14/2023 16:13 -124.3746743 43.33986963 60.2165 5.41 NNW	Distance to Nearest Turbine (Miles): Number of Turbines: Hub Height (ft): Support Structure Height (ft): Rotor Diameter (ft): Total Height to Tip of Blade (ft):	35.75 262 725 106 935 1,171	
<b>Camera Information</b> Camera Make & Model: Camera Sensor Size:	Canon EOS 5DS R 36mm x 24mm	Sun, Sky, and Weather Information Sun Azimuth: Sun Elevation:	255.06 27.33	
Lens Make & Model: Lens Focal Length: Field of View:	Sigma F1.4 DG HSM A025 20mm 65.47ø (H) / 46.397ø (V)	Lighting Angle (On Turbines): Weather Conditions: Predicted Visibility (Miles): Temperature (°F): Temperature (°C): Humidity (%): SQM Reading:	Left Lit Fair 33.15 53 12 74 N/A	Context Map

### **Viewing Instructions**

For 11 x 17 inch Printed Display: For On-Screen Display: Viewing distance is 19.7 inches (500 mm) Viewing distance is 19.7 inches (500 mm)

• Key Observation Point (KOP)

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Turbines



Gregory Point, Afternoon, Heading NNW - Existing View

BOCEAN ENERGY MANAGEMENT KW Oregon Offshore Wind Gregory Point Spring / Afternoon Heading NNW Viewpoint Location 43.33986963 Latitude: -124.3746743 ongitude: 60.2165 Elevation of Viewpoint Position: 5.41 ft Height of Camera Above Ground: Date of Photography: 4/14/2023 at 16:13 Horizontal Field of View: 124° Vertical Field of View: 55° CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS NOTES: Viewpoint locations have been precision surveyed by **Surveyor** Westland Resources Engineering & Environmental Services Inc Portland, OR (971) 256-0046 Heights are above mean sea level. Structure design and placement are subject to final engineering. No part of this photo simulation shall be altered in any way. Photo Simulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2) Provided by Truescape®

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Gregory Point, Afternoon, Heading NNW - Proposed View - Predicted Visibility

BOCEAN ENERGY MANAGEMENT KW Oregon Offshore Wind Gregory Point Spring / Afternoon Heading NNW Viewpoint Location 43.33986963 Latitude: -124.3746743 ongitude: 60.2165 Elevation of Viewpoint Position: 5.41 ft Height of Camera Above Ground: Date of Photography: 4/14/2023 at 16:13 Horizontal Field of View: 124° Vertical Field of View: 55° CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS NOTES: Viewpoint locations have been precision surveyed by **Surveyor** Westland Resources Engineering & Environmental Services Inc Portland, OR (971) 256-0046 Heights are above mean sea level. Structure design and placement are subject to final engineering. No part of this photo simulation shall be altered in any way. Photo Simulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2) Provided by Truescape®

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**KEY OBSERVATION POINT - GREGORY POINT PROPOSED VIEW - PREDICTED VISIBILITY** - 50MM CROP - (SPRING / AFTERNOON)

For on-screen display: Scale bar to be 4 inches wide Viewing distance 19.7 inches



Gregory Point, Afternoon, Heading NNW - Proposed View - Maximum Visibility

BOCEAN ENERGY MANAGEMENT KW Oregon Offshore Wind Gregory Point Spring / Afternoon Heading NNW Viewpoint Location
 Project Area 43.33986963 Latitude: -124.3746743 ongitude: 60.2165 Elevation of Viewpoint Position: 5.41 ft Height of Camera Above Ground: Date of Photography: 4/14/2023 at 16:13 Horizontal Field of View: 124° Vertical Field of View: 55° CORRECT VIEWING OF TRUEVIEW™ PHOTO SIMULATIONS a de la companya de l NOTES: Viewpoint locations have been precision surveyed by **Surveyor** Westland Resources Engineering & Environmental Services Inc Portland, OR (971) 256-0046 Heights are above mean sea level. Structure design and placement are subject to final engineering. No part of this photo simulation shall be altered in any way. Photo Simulation Created Using TrueView™ Technology (Patent No.: US 8,184,906 B2) Provided by Truescape®

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**KEY OBSERVATION POINT - GREGORY POINT PROPOSED VIEW - MAXIMUM VISIBILITY** - 50MM CROP - (SPRING / AFTERNOON)

For on-screen display: Scale bar to be 4 inches wide Viewing distance 19.7 inches



## **KOP: Gregory Point** | Season: Spring | Time of Day: Night

Base Photographic Documentation		Turbine Information	Image Previ
Date (MM/DD/YYYY):	4/14/2023	Distance to Nearest Turbine (Miles):	35.75
Time (24hr):	21:36	Number of Turbines:	262
GPS Longitude:	-124.3746743	Hub Height (ft):	725
GPS Latitude:	43.33986963	Support Structure Height (ft):	106
Viewpoint Elevation (ft):	60.2165	Rotor Diameter (ft):	935
Camera Height (ft):	5.41	Total Height to Tip of Blade (ft):	1,171
Camera Heading:	NNW		*

#### **Camera Information**

### Sun, Sky, and Weather Information

Camera Make & Model: Camera Sensor Size: Lens Make & Model:	Canon EOS 5DS R 36mm x 24mm Sigma F1.4 DG HSM A026	Sun Azimuth: Sun Elevation: Lighting Angle (On Turbines):	N/A N/A N/A	
Lens Focal Length: Field of View:	20mm 65.47ø (H) / 46.397ø (V)	Weather Conditions: Predicted Visibility (Miles): Temperature (°F):	Cloudy N/A 49	Context Map
		Temperature (°C): Humidity (%):	49 9 77	
		SQM Reading:	N/A	



### **Viewing Instructions**

For 11 x 17 inch Printed Display: For On-Screen Display:

Viewing distance is 19.7 inches (500 mm) Viewing distance is 19.7 inches (500 mm)

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#### view



### • Key Observation Point (KOP)

Turbines



BOE MANAGEMENT
KW Oregon Offshore Wind
Gregory Point Spring / Night Heading NNW
Viewpoint Location Project Area
Latitude:       43.33986963         Longitude:       -124.3746743         Elevation of Viewpoint Position:       60.2165         Height of Camera Above Ground:       5.41 ft         Date of Photography:       4/14/2023 at 21:36
Horizontal Field of View: 124° Vertical Field of View: 55°
CORRECT VIEWING OF TRUEVIEW <sup>TM</sup> PHOTO SIMULATIONS
NOTES: Viewpoint locations have been precision surveyed by Surveyor Westland Resources Engineering & Environmental Services Inc Portland, OR (971) 256-0046 Heights are above mean sea level. Structure design and placement are subject to final engineering. No part of this photo simulation shall be altered in any way.
Photo Simulation Created Using TrueView <sup>™</sup> Technology (Patent No.: US 8,184,906 B2) Provided by Truescape

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**KEY OBSERVATION POINT - GREGORY POINT PROPOSED VIEW - MAXIMUM VISIBILITY** - 50MM CROP - (SPRING / NIGHT)

