DESERT CLAIM WIND POWER LLC.

DESERT CLAIM WIND POWER PROJECT
APPENDIX A: PROJECT DESIGN SHEETS
PURPOSE: DEVELOP A COMMERCIALELY VIABLE WIND ENERGY FACILITY

Adjacent Property Owners:
1. WA STATE DNR
2. NELSON GELBVIEH RANCH LLC
3. ROAN, JAMES P ETUX
4. WADE, JOANNE M & WHITE, JACK

USACE REF #: S-T-R: 13,17-21,25,29,30 - 19N - 17/18E W.M.

ADDRESS:

LATITUDE: 47.1243056 N LAT.
LONGITUDE: -120.6338722 W LONG.
COUNTY OF: KITITAS
STATE: WASHINGTON
APPLICANT: DESERT CLAIM WIND POWER, LLC

PROJECT: DESERT CLAIM WIND POWER PROJECT

DATE: 5/15/18
EXISTING WETLAND PLAN VIEW

PROJECT: DESERT CLAIM WIND POWER PROJECT
LATITUDE: 47.1243056 N LAT.
LONGITUDE: -120.6338722 W LONG.
COUNTY OF: KITITITAS
STATE: WASHINGTON
APPLICANT: DESERT CLAIM WIND POWER, LLC

S-T-R: 13,17-21,25,29,30 - 19N - 17/18E W.M.
ADDRESS:

LEGEND
- WETLANDS - WITHIN 200 FT.
- PREVIOUSLY IDENTIFIED WETLANDS - GREATER THAN 200 FT.
- STREAMS - ALL TYPES
- EXISTING ACCESS ROADS
- EXISTING RIGHT-OF-WAY
- PROPOSED ARTERIAL ACCESS ROADS
- PROPOSED UNDERGROUND COLLECTION LINES
- PROPOSED UNDERGROUND UTILITIES
- PROPOSED ACCESS ROADS: VERSION - 114
- PROPOSED ACCESS ROADS: VERSION - 117
- PROPOSED TEMPORARY CRANE PATHS
- APPROXIMATE PROJECT BOUNDARY AREA

USACE REF:

PURPOSE: DEVELOP A COMMERCIALLY VIABLE WIND ENERGY FACILITY

Adjacent Property Owners:
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Grette Associates
ENVIRONMENTAL CONSULTANTS

Sheet No. 2 of 7 Date: 5/15/18
HISTORIC AIRFIELD

LATITUDE: 47.1243056 N LAT.
LONGITUDE: -120.6338722 W LONG.
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S-T-R: 13,17-21,25,29,30 - 19N - 17/18E W.M.

PURPOSE: DEVELOP A COMMERCIALLY VIABLE WIND ENERGY FACILITY

Adjacent Property Owners:
1 WA STATE DNR
2 NELSON GELIVIEH RANCH LLC
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LEGEND

- WETLANDS - WITHIN 200 FT.
- PREVIOUSLY IDENTIFIED WETLANDS - GREATER THAN 200 FT.
- STREAMS - ALL TYPES
- EXISTING ACCESS ROADS
- EXISTING RIGHT-OF-WAY
- PROPOSED ARTERIAL ACCESS ROADS
- PROPOSED UNDERGROUND UTILITIES
- PROPOSED UNDERGROUND COLLECTION LINES
- PROPOSED TEMPORARY CRANE PATHS
- APPROXIMATE PROJECT BOUNDARY AREA
- PROPOSED ACCESS ROAD CROSSING: V. 114/117
- PROPOSED CRANE AND UTILITY CROSSING: V. 114/117
- PROPOSED CRANE CROSSING: V. 114/117

USACE REF #: 0002,500
SCALE IN FEET: 1" = 2,500'

PROJECT: DESERT CLAIM WIND POWER PROJECT
LATITUDE: 47.1243056 N LAT.
LONGITUDE: -120.6338722 W LONG.
COUNTY OF: KITTITAS
STATE: WASHINGTON
APPLICANT: DESERT CLAIM WIND POWER, LLC

ADDRESS: S-T-R: 13,17-21,25,29,30 - 19N - 17/18E W.M.

SHEET NO. 3 OF 7 DATE: 5/15/18
NOTE:
1. Contractor shall construct temporary crossing during construction to accommodate turbine deliveries. Overflow swale shall be excavated as soon as feasible after turbine deliveries are complete.
2. Culvert shall be sized to accommodate nuisance flows only. Less frequent rain events will overtop the road.
3. The elevation of permanent overflow swale (x) shall be less than or equal to the top of flow in the culvert (y).
NOTE:
1. CHANNEL SIDE SLOPES MAY REQUIRE MODIFICATION TO CONSTRUCT THE ACCESS ROAD THROUGH THE CHANNEL THAT MEETS TURBINE COMPONENT DELIVERY REQUIREMENTS.
2. THE ACCESS ROAD SHALL CROSS THE CHANNEL AS CLOSE TO 90-Degree AS POSSIBLE.
3. THE FINISHED ACCESS ROAD SURFACE SHALL BE AT AN ELEVATION THAT ALLOWS WATER TO FLOW THROUGH THE CHANNEL UNIMPeded AND WITHOUT FLOWING UPHILL OF THE ROAD OR ON THE ROAD SURFACE.
4. ARMORED SURFACE TREATMENT OF THE ROAD SURFACE SHALL EXTEND THROUGH THE CHANNEL BOTTOM AND UP THE CHANNEL SIDE SLOPES TO THE OBSERVED TOP OF BANK OF THE CHANNEL.
5. SEE PAGE 4 FOR ARMORED SURFACE TREATMENT OPTIONS.

USACE REF #:

PURPOSE: DEVELOP A COMMERCIAly VIALBE WIND ENERGY FACILITY

Adjacent Property Owners:
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LATITUDE: 47.1243056 N LAT.
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COUNTY OF: KITITAS
STATE: WASHINGTON
APPLICANT: DESERT CLAIM WIND POWER, LLC

LOW WATER CROSSING DESIGN DETAILS

S-T-R: 13,17,21,25,29,30 - 19N - 17/18E W.M.
ADDRESS:

PROJECT: DESERT CLAIM WIND POWER PROJECT

Grette Associates
ENVIRONMENTAL CONSULTANTS

SHEET NO. 5 OF 7 DATE: 5/29/18
COLLECTION TRENCH CROSS SECTION

S-T-R: 13.17-21,25,29,30 - 19N - 17/18E W.M.

USACE REF #: 

PURPOSE: DEVELOP A COMMERCIAL VIABLE WIND ENERGY FACILITY

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TRENCH GROUND

NON-COMPACTED NATIVE SOIL

COMPACTED NATIVE SOIL

FIBER OPTIC CABLE IN 12" HOE PLOWED. SEE ONLINE FOR MORE INFORMATION

GRADE

S-C-R-T: 13.17-21,25,29,30 - 19N - 17/18E W.M.

PROJECT: DESERT CLAIM WIND POWER PROJECT

LATITUDE: 47.1243056 N LAT.
LONGITUDE: -120.6338722 W LONG.
COUNTY OF: KITTITAS
STATE: WASHINGTON
APPLICANT: DESERT CLAIM WIND POWER, LLC

SHEET NO. 6 OF 7 DATE: 5/29/18

Grette Associates
ENVIRONMENTAL CONSULTANTS
CRANE CROSSING DESIGN DETAILS

USACE REF #: 7

PURPOSE: DEVELOP A COMMERCIIALLY VIABLE WIND ENERGY FACILITY

Adjacent Property Owners:
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3. ROAN, JAMES P ETUX

PROJECT: DESERT CLAIM WIND POWER PROJECT
LATITUDE: 47.1243056 N LAT.
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COUNTY OF: KITITAS
STATE: WASHINGTON
APPLICANT: DESERT CLAIM WIND POWER, LLC

SHEET NO. 7 OF 7 DATE: 5/29/18

CRANE CROSSING DESIGN DETAILS

NOTE:
1. CHANNEL SLOPES TO BE MODIFIED TEMPORARILY DURING CONSTRUCTION TO ALLOW FOR ADEQUATE CRANE CROSSING AND RESTORATION TO INITIAL CONDITIONS UPON COMPLETION OF CRANE CROSSING.
2. ALL DISTURBED AREAS SHALL BE RESTORED TO EXISTING CONDITIONS.
3. CROSSINGS SHALL HAVE THE TOP-SURFACE LAYER A MINIMUM OF 2.5 INCHES BELOW THE DRAINAGE CHANNEL CROSSING.
4. THE CRANE CROSSING SHALL BE CROSS THE STREAM AT 90 DEGREES.
5. COMPACTION MAY BE FIELD ADJUSTED TO ACHIEVE SUITABLE CROSSING CAPABILITIES AS ARE NEEDED FOR IMPROVED ROAD USE.
6. ROCK CHECK BANKS ON GRASS BANKS/BEES MAY BE NEEDED IF FLOW AND DRAINAGE AREA REQUIRE RESTORATION.

CRANE CROSSING DESIGN DETAILS

NOTES:
1. CRANE CROSSING SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR INSTALLATION.
2. ADEQUATE DISTANCE TO THE STREAMFLOW DURING CRANE INSTALLATION/REMOVAL.
3. UPON REMOVAL OF TEMPORARY CROSSING, THE DISTURBED AREA SHALL BE RESTORED TO NATIVE CONDITIONS.

CRANE CROSSING DESIGN DETAILS

USACE REF #: 3

PURPOSE: DEVELOP A COMMERCIIALLY VIABLE WIND ENERGY FACILITY

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PROJECT: DESERT CLAIM WIND POWER PROJECT
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STATE: WASHINGTON
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SHEET NO. 7 OF 7 DATE: 5/29/18

CRANE CROSSING DESIGN DETAILS

NOTE:
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CRANE CROSSING DESIGN DETAILS
DESERT CLAIM WIND POWER LLC.

DESERT CLAIM WIND POWER PROJECT
APPENDIX B: DELINEATION MAP
NO WETLANDS IDENTIFIED IN SECTION 9, CONTINUES OFF SW 1/4.

B. REEVES CREEK RD.

CI

Power Project
Desert Claim Wind

Gretic Associates

NOTES

- VERSIONS 114 AND 117 ARE SHOWN FOR DISCUSSION PURPOSES.
- ALL OFFSITE WETLANDS AND STREAMS ARE SHOWN IN THEIR APPROXIMATE LOCATION.
- PREVIOUSLY IDENTIFIED WETLANDS THAT ARE GREATER THAN 200 FT. FROM THE PROJECT FOOTPRINT WERE NOT EVALUATED DURING GRETTE ASSOCIATES' WETLAND AND STREAM VERIFICATION.
- STREAM BUFFERS ARE NOT SHOWN ON MAP AS THE WETLAND BUFFER IS MORE ENCUMBERING THAN THE STREAM BUFFERS.
- VERSIONS 114 AND 117 ARE SHOWN FOR DISCUSSION PURPOSES.

PREVIOUSLY IDENTIFIED WETLANDS - > 200 FT.

WETLAND BUFFERS - ALL CATEGORIES

EXISTING ACCESS ROADS

EXISTING RIGHT-OF-WAY

PROPOSED TURBINE LOCATIONS

PROPOSED ARTERIAL ACCESS ROADS

PROPOSED UNDERGROUND COLLECTION LINES

PROPOSED UNDERGROUND UTILITIES

PROPOSED TEMPORARY CRANE PATHS

APPROXIMATE PROJECT BOUNDARY AREA

NOT FOR CONSTRUCTION

SCALE IN FEET

POWER PROJECT

DESERT CLAIM WIND

Gretic Associates
APPENDIX C: MITIGATION SITE MAP
Desert Clam Wind

MITIGATION SITE BOUNDARY

PROJECT MANAGER: BOYLE
PROJECT NO: 3010.001
PROJECT LOCATION: KITTITAS COUNTY
ELLENSBERG, WA

PREPARED FOR: EDF RENEWABLE
DATE: 12/18/17

FOR PERMIT USE ONLY
THIS DOCUMENT HAS BEEN PREPARED FOR PERMIT APPLICATION ONLY AND IS SUBJECT TO REVIEW AND MODIFICATION BY GOVERNMENT AGENCIES

SCALE IN FEET

NOT FOR CONSTRUCTION

EXISTING ACCESS ROADS
EXISTING RIGHT-OF-WAY

SHEET 1 OF 1

Type NS

PROPOSED TURBINE LOCATIONS
PROPOSED ARTERIAL ACCESS ROADS
PROPOSED UNDERGROUND COLLECTION LINES

LEGEND
CATEGORY I WETLANDS - 150 FT. BUFFER
CATEGORY II WETLANDS - 100 FT. BUFFER
CATEGORY III WETLANDS - 75 FT. BUFFER
CATEGORY IV WETLANDS - 50 FT. BUFFER
WETLAND BUFFERS - ALL CATEGORIES
STREAMS - ALL TYPES

NOTES
- WETLANDS R73, R74, AND R76 ARE SHOWN IN POST-MITIGATION CONDITION.
- ALL OFFSITE WETLANDS AND STREAMS ARE SHOWN IN THEIR APPROXIMATE LOCATION.
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- STREAM BUFFERS ARE NOT SHOWN ON MAP AS THE WETLAND BUFFER IS MORE ENCUMBERING THAN THE STREAM BUFFERS.
- VERSIONS 114 AND 117 ARE SHOWN FOR DISCUSSION PURPOSES.

APPROXIMATE PROJECT BOUNDARY AREA
PREVIOUSLY IDENTIFIED WETLANDS - > 200 FT.

PROPOSED UNDERGROUND UTILITIES
PROPOSED TEMPORARY CRANE PATHS

REVISED: 06/01/18

SHEET SIZE: 24" X 36"