



RED ROCK CITIZENS ADVISORY COUNCIL

Blue Diamond Library

16A Cottonwood Drive
Blue Diamond, NV 89004

March 30, 2022
7:00pm

AGENDA

Note:

- Items on the agenda may be taken out of order.
- The Council may combine two (2) or more agenda items for consideration.
- The Council may remove an item from the agenda or delay discussion relating to an item at any time.
- No action may be taken on any matter not listed on the posted agenda.
- All planning and zoning matters heard at this meeting are forwarded to the Board of County Commissioners' Zoning Commission (BCC) or the Clark County Planning Commission (PC) for final action.
- Please turn off or mute all cell phones and other electronic devices.
- Please take all private conversations outside the room.
- With a forty-eight (48) hour advance request, a sign language interpreter or other reasonable efforts to assist and accommodate persons with physical disabilities, may be made available by calling (702) 455-3530, TDD at (702) 385-7486, or Relay Nevada toll-free at (800) 326-6868, TD/TDD.
- Supporting material provided to Board/Council members for this meeting may be requested from Lara McAdam at 702-592-1441.
 - Supporting material is/will also available at the Clark County Department of Administrative Services, 500 S. Grand Central Parkway, 6th Floor, Las Vegas, Nevada 89155.
 - Supporting material is/will be available at <http://clarkcountynv.gov/RedRockCAC>

Board/Council Members: Barbara Luke, Chairperson Evan Slawson, Vice Chairperson
Dallas Simonette Bob Matthews Pauline van Betten

Secretary: Lara McAdam, 702-592-1441, LaraTAB.CAC@gmail.com
Clark County Department of Administrative Services,
500 S. Grand Central Parkway, 6th Floor, Las Vegas, Nevada 89155

County Liaison(s): Meggan Holzer, 702-455-0341, meggan@clarkcountynv.gov
Clark County Department of Administrative Services,
500 S. Grand Central Parkway, 6th Floor, Las Vegas, Nevada 89155

- I. Call to Order, Pledge of Allegiance, and Roll Call
- II. Public Comment- This is a period devoted to comments by the general public about items on this agenda. No discussion, action, or vote may be taken on this agenda item. You will be afforded the opportunity to speak on individual Public Hearing Items at the time they are presented. If you wish to speak to the Council about items within its jurisdiction but not appearing on this agenda, you must wait until the "Comments by the General Public" period listed at the end of this agenda. Comments will be limited to three (3) minutes. Please step up to the speaker's podium, if applicable, clearly state your name and address and please **spell** your last name for the record. If any member of the Council wishes to extend the length of a presentation, this will be done by the Chairperson or the Council by majority vote.
- III. Approval of Minutes for February 23, 2022. (For possible action)

BOARD OF COUNTY COMMISSIONERS
JAMES B. GIBSON, Chair – JUSTIN C. JONES, Vice-Chair
MARILYN KIRKPATRICK – WILLIAM MCCURDY II – ROSS MILLER – MICHAEL NAFT – TICK SEGERBLOM
YOLANDA KING, County Manager

- IV. Approval of the Agenda for March 30, 2022 and Hold, Combine, or Delete any Items. (For possible action)
- V. Informational Items
1. Receive a report from Las Vegas Valley Water District regarding the current well levels, status of the Blue Diamond Water System, and other related concerns (for discussion only)
 2. Receive a report from Metro regarding activity and statistics during the past month and other area policing concerns (for discussion only)
 3. Receive a report from BLM regarding current and upcoming projects, updates on the Red Rock Legacy bike trail, information about the Red Rock National Conservation Area, and other updates about Public Lands in the area (for discussion only)
 4. Receive a report from Clark County Administrative Services regarding updates from Clark County (for discussion only)
- VI. Planning and Zoning
1. **VS-22-0097-IANNUCCI MARIO & SHANNON:**
VACATE AND ABANDON easements of interest to Clark County located between Kulka Road and Wounded Horse Trail, and between Torino Avenue and Raven Avenue (alignment) within Red Rock (description on file). JJ/md/jo (For possible action) **04/19/22 PC**
- VII. General Business
1. Josh Eddy with Desert Dash will share information and take input regarding his plans for the RRC100k running race that is tentatively scheduled for November 12, 2022 (for discussion only)
 2. Representatives from SWGas will share information about their upcoming project within the Blue Diamond community (for discussion only)
 3. Rex Wait, President of Control Technology, Inc., will share information about the Blue Diamond Advanced Pumped Storage Project which is currently in the scoping process with the Federal Energy Regulatory Commission (for discussion only)
- VIII. Comments by the General Public- A period devoted to comments by the general public about matters relevant to the Council's jurisdiction will be held. No vote may be taken on a matter not listed on the posted agenda. Comments will be limited to three (3) minutes. Please step up to the speaker's podium, if applicable, clearly state your name and address and please **spell** your last name for the record. If any member of the Council wishes to extend the length of a presentation, this will be done by the Chairperson or the Council by majority vote.
- IX. Next Meeting Date: April 27, 2022
- X. Adjournment.

POSTING LOCATIONS: This meeting was legally noticed and posted at the following locations:
Blue Diamond Library, 16A Cottonwood Dr, Blue Diamond, NV 89004
<https://notice.nv.gov>



Red Rock Citizens Advisory Council

February 23, 2022

MINUTES

Board Members: Chair, Barbara Luke Vice-Chair, Evan Slawsom
Dallas Simonette Bob Matthews Pauline van Betten

Secretary: Lara McAdam, 702-592-1441, LaraTAB.CAC@gmail.com

Town Liaison: Meggan Holzer, 702-455-0341, meggan@clarkcountynv.gov

- I. Call to Order, Pledge of Allegiance, Roll Call
The meeting was called to order at 7:00 pm
Barbara Luke excused. All other Members present.
- II. Public Comment
None
- III. Approval of Minutes for January 26, 2022
Moved by: Bob Matthews
Action: Approved with grammatical corrections
Vote: 3-0/Unanimous
- IV. Approval of Agenda for February 23, 2022
Moved by: Bob Matthews
Action: Approved
Vote: 3-0/Unanimous
- V. Informational Items
 1. Welcome Dallas Simonette to the Red Rock CAC. Thank you Trent Billingsley for your service.
Meggan Holzer welcomed Dallas Simonette to the Red Rock CAC to replace Trent Billingsley for the remainder of the current term. A big thank you to Trent Billingsley for his time and service to the community.
 2. Receive a report from Las Vegas Valley Water District regarding the current well levels, status of the Blue Diamond Water System and other related concerns (for discussion only)
Jordan Bunker reported that the North well is at a static water level of 19.96 ft below land surface and the South well is 19.8 ft below land surface. The current moratorium will remain in effect indefinitely. Derek Jackson reported that the planned improvements will begin once the funding is in place and the bidding process is complete. It is anticipated to be a 3-4 month project.
 3. Receive a report from Metro regarding activity and statistics during the past month and other area policing concerns (for discussion only)
Not present.

4. Receive a report from BLM regarding current and upcoming projects, updates on Red Rock Legacy bike trail, information about Red Rock National Conservation Area, and other updates about Public Lands in the area (for discussion).

Catrina Williams reported that Josh Travers is on a 120 day assignment in Elko. Shedra Rakestraw, BLM Project Manager, will be filling in during Mr. Travers absence. She shared updates on the status of the RAMPs for Harris Springs, Cottonwood Valley, and Calico Basin. The Legacy Trail Public Meeting for Segment 1, Phase 1 will be in approximately one month. Items of discussion will be the deceleration lane and bicycle crossing. The NEPA process is under way for Phase 2, 3 and 4. Phase 5 is moving along. The Southern Nevada Conservancy will be holding a Mountain Biking Instructional Program at the Cottonwood Valley Late Night parking lot on March 19 and April 9, 2022 from 7:30am – 10:00am.

Erin McDermott with Friends of Red Rock Canyon shared information regarding the \$140K Grant received from the State for the La Madre Foothills planning area to include a RAMP at Lone Mountain and Ann Road. Estimated completion is 2 plus years in partnership with BLM.

5. Receive a report from Clark County Administrative Services regarding updates on recent land use applications and any other updates from Clark County (for discussion only)

The County Surveyor is looking into the status of Arroyo Road regarding maintenance responsibilities. Meggan is working with the owner of the landscaping business on SR 160 to get submitted for the appropriate land use applications. NDOT will be conducting a corridor study for SR159 and 160 – Meggan will share public meeting dates as soon as they are available.

VI. Planning & Zoning

None.

VII. General Business

1. Josh Eddy with Desert Dash will share information and take input regarding his plans for the RRC100K running race that is tentatively scheduled for November 12, 2022 (for discussion only)

Not present.

VIII. Comments by the General Public

None.

IX. Next Meeting Date

The next meeting will be March 30, 2022

X. Adjournment

The meeting was adjourned at approximately 8:24 pm

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Control Technology, Inc.

Project No. 14804-003

NOTICE OF INTENT TO FILE LICENSE APPLICATION, FILING OF PRE-APPLICATION DOCUMENT (PAD), COMMENCEMENT OF PRE-FILING PROCESS, AND SCOPING, REQUEST FOR COMMENTS ON THE PAD AND SCOPING DOCUMENT, AND IDENTIFICATION OF ISSUES AND ASSOCIATED STUDY REQUESTS

(February 28, 2022)

- a. Type of Filing: Notice of Intent to File License Application for an Original License, Commencing Pre-filing Process, and Denial of Request to Use the Traditional Licensing Process.
- b. Project No.: 14804
- c. Dated Filed: May 25, 2021
- d. Submitted By: Control Technology, Inc. (Control Technology)
- e. Name of Project: Blue Diamond Advanced Pumped Storage Project
- f. Location: Near the town of Blue Diamond, in Clark County, Nevada. The project would occupy an unknown acreage of federal land administered by the Bureau of Land Management (BLM).
- g. Filed Pursuant to: 18 C.F.R. §5.3 of the Commission's regulations
- h. Applicant Contact: Mr. Rexford Wait, Control Technology, Inc., 2416 Cades Way, Vista, CA 92081; (760) 599-0086; email: rwait@controltechnology.org.
- i. FERC Contact: Evan Williams, (202) 502-8462, evan.williams@ferc.gov.
- j. Control Technology filed its Pre-Application Document (PAD) and request to use the Traditional Licensing Process (TLP) on May 25, 2021, and published public notice of its Notice of Intent to file a license application, PAD, and request to use the TLP on November 2, 2021. The Commission denied the request to use the TLP on January 27, 2022. Control

Technology must use the Integrated Licensing Process to prepare a license application for the Blue Diamond Advanced Pumped Storage Project.

- k. Cooperating agencies: Federal, state, local, and tribal agencies with jurisdiction and/or special expertise with respect to environmental issues that wish to cooperate in the preparation of the environmental document should follow the instructions for filing such requests described in item o below. Cooperating agencies should note the Commission's policy that agencies that cooperate in the preparation of the environmental document cannot also intervene. *See* 94 FERC ¶ 61,076 (2001).
- l. With this notice, we are initiating informal consultation with: (a) the U.S. Fish and Wildlife Service and/or NOAA Fisheries under section 7 of the Endangered Species Act and the joint agency regulations thereunder at 50 C.F.R., Part 402; (b) NOAA Fisheries under section 305(b) of the Magnuson-Stevens Fishery Conservation and Management Act; and (c) the Nevada State Historic Preservation Officer, as required by section 106, National Historic Preservation Act, and the implementing regulations of the Advisory Council on Historic Preservation at 36 C.F.R. § 800.2.
- m. With this notice, we are designating Control Technology as the Commission's non-federal representative for carrying out informal consultation, pursuant to section 7 of the Endangered Species Act, and section 106 of the National Historic Preservation Act.
- n. A copy of the PAD is available for review on the Commission's website (<http://www.ferc.gov>), using the "eLibrary" link. Enter the docket number, excluding the last three digits in the docket number field to access the document. At this time, the Commission has suspended access to the Commission's Public Reference Room, due to the proclamation declaring a National Emergency concerning the Novel Coronavirus Disease (COVID-19) pandemic, issued by the President on March 13, 2020. For assistance, contact FERC Online Support at FERCONlineSupport@ferc.gov, (866) 208-3676 (toll free), or (202) 502-8659 (TTY). A copy is also available via the contact in paragraph h.

You may register online at <https://ferconline.ferc.gov/FERCONline.aspx> to be notified via email of new filing and issuances related to this or other pending projects. For assistance, contact FERC Online Support.

- o. With this notice, we are soliciting comments on the PAD and Commission's staff Scoping Document 1 (SD1), as well as study requests. All comments on the PAD and SD1, and study requests should be sent to

the address above in paragraph h. In addition, all comments on the PAD and SD1, study requests, requests for cooperating agency status, and all communications to and from Commission staff related to the merits of the potential application must be filed with the Commission.

The Commission strongly encourages electronic filing. Please file documents using the Commission's eFiling system at <https://ferconline.ferc.gov/FERCOOnline.aspx>. Commenters can submit brief comments up to 6,000 characters, without prior registration, using the eComment system at <https://ferconline.ferc.gov/QuickComment.aspx>. You must include your name and contact information at the end of your comments. For assistance, please contact FERC Online. In lieu of electronic filing, you may submit a paper copy. Submissions sent via the U.S. Postal Service must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street NE, Room 1A, Washington, DC 20426. Submissions sent via any other carrier must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 12225 Wilkins Avenue, Rockville, Maryland 20852. All filings must clearly identify the project name and docket number on the first page: **Blue Diamond Advanced Pumped Storage Project (P-14804)**.

All filings with the Commission must bear the appropriate heading: "Comments on Pre-Application Document," "Study Requests," "Comments on Scoping Document 1," "Request for Cooperating Agency Status," or "Communications to and from Commission Staff." Any individual or entity interested in submitting study requests, commenting on the PAD or SD1, and any agency requesting cooperating status must do so by April 29, 2022.

- p. The Commission's scoping process will help determine the required level of analysis and satisfy the National Environmental Policy Act (NEPA) scoping requirements, irrespective of whether the Commission prepares an environmental assessment or environmental impact statement.

Scoping Process

Due to on-going concerns with large gatherings related to COVID-19, we do not intend to hold in-person public scoping meetings or an in-person environmental site review. Rather, Commission staff will hold two public scoping meetings using a telephone conference line. The daytime scoping meeting will focus on resource agency, Indian tribes, and non-governmental organization (NGO) concerns, while the evening scoping

meeting will focus on receiving input from the public. We invite all interested agencies, Native American tribes, NGOs, and individuals to attend one of these meetings to assist us in identifying the scope of environmental issues that should be analyzed in the NEPA document. In addition, Control Technology will provide a presentation of the proposed project prior to the scoping meeting date that can be accessed at: <https://controltechnologyorg.sharepoint.com/:f/s/BlueDiamondPumpedStorageProject/EoXtMViiW0dLthriIViL5cBU8j0nYedHiX8TIVojEcLoA?e=S0Djpp>. The dates and times of the meetings are listed below.

Meeting for resource agencies, Tribes, and NGOs:

Tuesday, March 29, 2022
9:00 a.m. - 12:00 p.m. PST

Call in number: (800) 779-8625

Access code: 3472916

Following entry of the access code, please provide the required details when prompted

Meeting for the general public:

Tuesday, March 29, 2022
6:00 p.m. - 8:00 p.m. PST

Call in number: (800) 779-8625

Access code: 3472916

Following entry of the access code, please provide the required details when prompted

SD1, which outlines the subject areas to be addressed in the environmental document, was mailed to the individuals and entities on the Commission's mailing list and Control Technology's distribution list. Copies of SD1 may be viewed on the web at <http://www.ferc.gov>, using the "eLibrary" link. Enter the docket number excluding the last three digits in the docket number field to access the document. Based on all oral and written comments, a Scoping Document 2 (SD2) may be issued. SD2 will include a revised process plan and schedule, as well as a list of issues, based on the scoping process.

Meeting Objectives

At the scoping meetings, Commission staff will: (1) initiate scoping of the issues; (2) review and discuss existing conditions; (3) review and discuss

existing information and identify preliminary information and study needs; (4) review and discuss the process plan and schedule for pre-filing activity that incorporates the time frames provided for in Part 5 of the Commission's regulations and, to the extent possible, maximizes coordination of federal, state, and tribal permitting and certification processes; and (5) discuss the potential of any federal or state agency or Indian tribe to act as a cooperating agency for development of an environmental document. Meeting participants should come prepared to discuss their issues and/or concerns. Please review the PAD in preparation for the scoping meetings. Directions on how to obtain a copy of the PAD and SD1 are included in item n of this document.

Meeting Procedures

Commission staff will be moderating the scoping meetings. The meetings will begin promptly at their respective start times listed above.

At the start of the meeting, staff will provide further instructions regarding the meeting setup, agenda, and time period for comments and questions. We ask for your patience as staff present information and field participant comments in orderly manner. To indicate you have a question or comment, press * and 3 to virtually "raise your hand". Oral comments will be limited to 5 minutes in duration for each participant. The meetings will be recorded by a stenographer and will be filed to the public record of the project.

Please note, that if no participants join the meetings within 15 minutes after the start time, staff will end the meeting and conference call. The meetings will end after participants have presented their oral comments or at the specified end time, whichever occurs first.

Kimberly D. Bose,
Secretary.

FEDERAL ENERGY REGULATORY COMMISSION
Washington, DC 20426
February 28, 2022

OFFICE OF ENERGY PROJECTS

Project No. 14804-003 – Nevada
Blue Diamond Advanced Pumped
Storage Project
Control Technology, Inc.

VIA FERC Service

Subject: Scoping Document 1 for the Blue Diamond Advanced Pumped Storage Project

To the Parties Addressed:

The Federal Energy Regulatory Commission (Commission) is currently reviewing the Pre-Application Document submitted on May 25, 2021, by Control Technology for licensing its proposed 450- to 675-megawatt Blue Diamond Advanced Pumped Storage Project (Blue Diamond Project) (FERC No. 14804). The proposed project would be located near the town of Blue Diamond, in Clark County, Nevada, about 15 miles southeast of Las Vegas, Nevada. The project would occupy an unknown acreage of federal land administered by the Bureau of Land Management.

Pursuant to the National Environmental Policy Act (NEPA) of 1969, as amended, Commission staff will prepare either an environmental assessment or an environmental impact statement (collectively referred to as the “NEPA document”), which will be used by the Commission to determine whether, and under what conditions, to issue an original license for the project. To support and assist our environmental review, we are beginning the public scoping process to ensure that all pertinent issues are identified and analyzed, and that the NEPA document is thorough and balanced.

We invite your participation in the scoping process and are circulating the attached Scoping Document 1 (SD1) to provide you with information on the Blue Diamond Project. We are also soliciting your comments and suggestions on our preliminary list of issues and alternatives to be addressed in the NEPA document. Additionally, we are requesting that you identify any studies that would help provide a framework for collecting pertinent information on the resource areas under consideration necessary for the Commission to prepare the NEPA document for the project.

Due to concerns with large gatherings related to COVID-19, we do not intend to conduct in-person public scoping meetings or an in-person environmental site review. Instead, we are soliciting electronic or written comments, recommendations, and information on SD1. The Commission invites you to attend one of the scoping meetings its staff will conduct by telephone (see Section 2.2, *Scoping Comments and Meetings* of the attached SD1).

SD1 is being distributed to both Control Technology's distribution list and the Commission's official mailing list for the project (see Section 9.0, *Mailing List* of the attached SD1). If you wish to be added to or removed from the Commission's official mailing list, please send your request by email to efiling@ferc.gov or by mail. Submissions sent via the U.S. Postal Service must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street NE, Room 1A, Washington, DC 20426. Submissions sent via any other carrier must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 12225 Wilkins Avenue, Rockville, Maryland 20852. All written or emailed requests must specify your wish to be added to or removed from the mailing list and must clearly identify the following on the first page: **Blue Diamond Advanced Pumped Storage Project No. 14804-003**.

Please review SD1 and, if you wish to provide comments, follow the instructions in Section 6.0, *Request for Information and Studies*. The Commission strongly encourages electronic filings. If you have any questions about SD1, the scoping process, or how Commission staff will develop the NEPA document for this project, please contact Evan Williams, the Commission's licensing coordinator for the project, at (202) 502-8462 or evan.williams@ferc.gov. Additional information about the Commission's licensing process and the project may be obtained from our website, www.ferc.gov. The deadline for filing comments is **April 29, 2022**. The Commission strongly encourages electronic filings.

Enclosure: Scoping Document 1

SCOPING DOCUMENT 1

BLUE DIAMOND ADVANCED PUMPED STORAGE PROJECT

PROJECT NO. 14804

NEVADA



Federal Energy Regulatory Commission
Office of Energy Projects
Division of Hydropower Licensing
Washington, DC

February 2022

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LIST OF TABLES

Table 1. Control Technology’s initial study proposals for the Blue Diamond Project.
 (Source: Control Technology’s PAD, Section 5.2)..... 17

SCOPING DOCUMENT 1

1.0 INTRODUCTION

The Federal Energy Regulatory Commission (Commission or FERC), under the authority of the Federal Power Act (FPA),¹ may issue licenses for terms ranging from 30 to 50 years for the continued operation and maintenance of non-federal hydroelectric projects. On May 25, 2021, Control Technology, Inc. (Control Technology) filed a pre-application document (PAD) and notice of intent (NOI) to seek an original license for the proposed Blue Diamond Advanced Pumped Storage Project (Blue Diamond Project or project) (FERC Project No. 14804).^{2,3} The Blue Diamond Project would be located partially on Blue Diamond Ridge near the town of Blue Diamond, in Clark County, Nevada, about 15 miles southeast of Las Vegas, Nevada. The project would occupy an unknown acreage of federal land administered by the Bureau of Land Management (BLM). The project would have a total authorized capacity of between 450- to 675-megawatts (MW) and an estimated average annual generation of 11,700,000 megawatt-hours. Section 3.0, *Proposed Action and Alternatives* provides a detailed description of the project, and Figure 1 shows the project location and the primary project facilities.

The National Environmental Policy Act (NEPA) of 1969,⁴ the Commission's regulations, and other applicable laws require that we independently evaluate the environmental effects of licensing the project as proposed and consider reasonable alternatives.⁵ We will prepare an environmental document (NEPA document) that

¹ 16 U.S.C. § 791(a)-825(r).

² In response to a June 24, 2021 letter from the Bureau of Land Management, Control Technology filed a revised PAD on August 18, 2021, that modified the proposed location of project facilities to be outside the Red Rock Canyon National Conservation Area.

³ In response to an October 21, 2021 letter from Commission staff, on November 9, 2021, Control Technology filed a record of publication of the notice of its TLP request that was published in the Las Vegas Review Journal on November 2, 2021, which instructed stakeholders to provide comments within 30 days (i.e., by December 2, 2021) of the date of filing of the notice.

⁴ 42 U.S.C. §§ 4321-4370(f).

⁵ The Council on Environmental Quality (CEQ) issued a final rule on July 16, 2020, revising the regulations under 40 C.F.R. Parts 1500 – 1518 that implement NEPA (see *Update to the Regulations Implementing the Procedural Provisions of the National Environmental Policy Act*, 85 Fed. Reg. 43,304). The Final Rule became effective on September 14, 2020, and applies to any NEPA process begun after September 14, 2020.

describes and evaluates the probable effects, if any, of the licensee’s proposed action and alternatives. The Commission’s scoping process will help determine the required level of analysis and satisfy the NEPA scoping requirements, irrespective of whether the Commission issues an environmental assessment (EA) or an environmental impact statement (EIS).

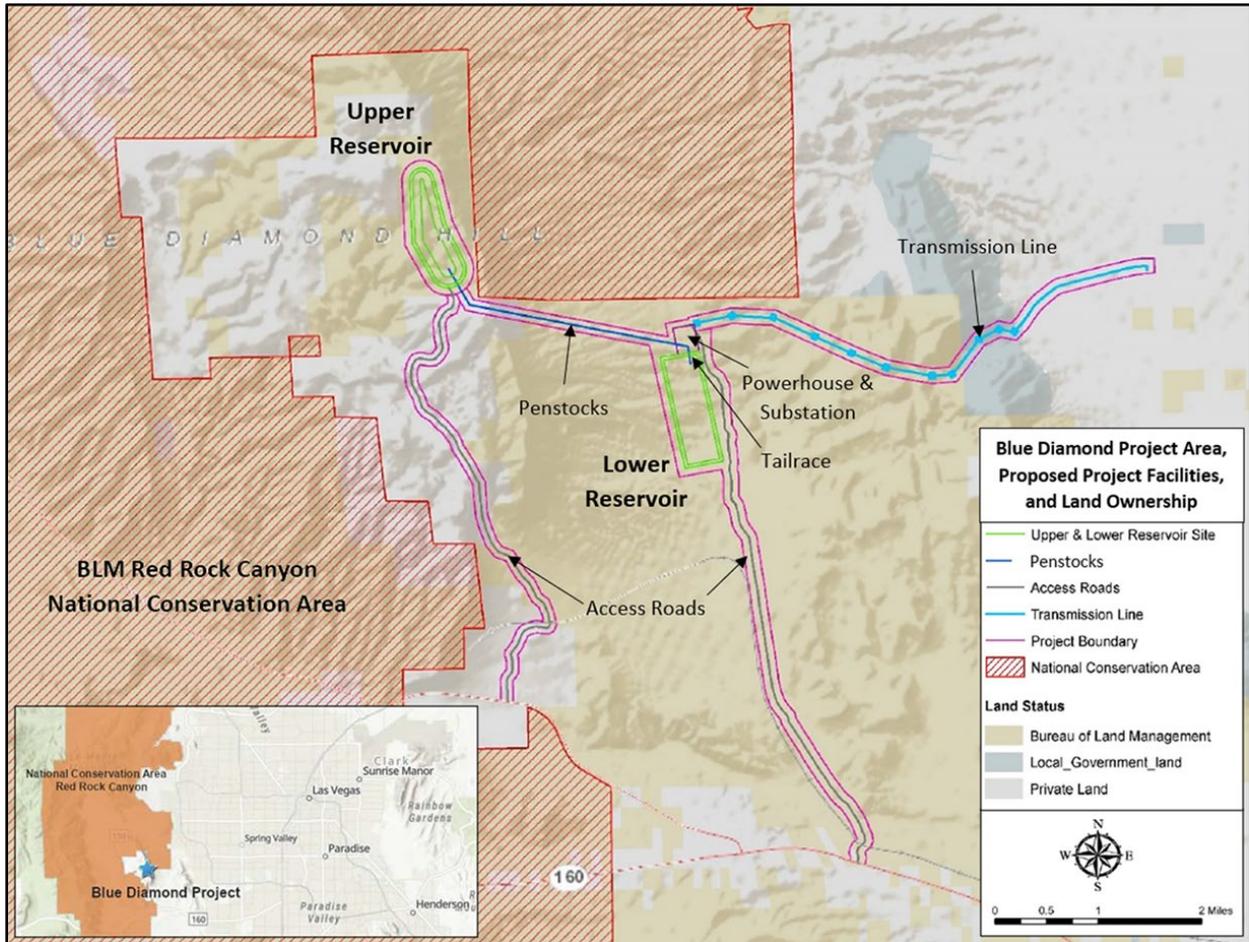


Figure 1. Location and project facilities for the Blue Diamond Project (Source: PAD, as modified by staff).

Commission staff intends to conduct its NEPA review in accordance with CEQ’s new regulations.

2.0 SCOPING

This Scoping Document 1 (SD1) is intended to advise all participants as to the proposed scope of the Commission's NEPA document and to seek additional information pertinent to this analysis. This document contains: (1) a description of the scoping process and current processing schedule for the license application; (2) a description of the licensee's proposed action and alternatives; (3) a preliminary identification of environmental issues and proposed studies; (4) a request for comments and information; and (5) a preliminary list of comprehensive plans that are applicable to the project.

2.1 PURPOSES OF SCOPING

Scoping is the process used to identify issues, concerns, and opportunities for enhancement or mitigation associated with a proposed action. In general, scoping should be conducted during the early planning stages of a project. The purposes of the scoping process are as follows:

- invite participation of federal, state, and local resource agencies; Indian tribes; non-governmental organizations (NGOs); and the public to identify significant environmental and socioeconomic issues related to the proposed project;
- determine the resource issues, depth of analysis, and significance of issues to be addressed in the NEPA document;
- identify reasonable alternatives to the proposed action that should be evaluated in the NEPA document;
- solicit, from participants, available information on the resources at issue, including existing information and study needs; and
- determine the resource areas and potential issues that do not require detailed analysis during review of the project.

2.2 SCOPING COMMENTS AND MEETINGS

During the preparation of the NEPA document, there will be several opportunities for agencies, Indian tribes, NGOs, and the public to provide input. These opportunities occur:

- during the public scoping process and study plan meetings, when we solicit written comments regarding the scope of the issues and analysis for the NEPA document;

- in response to the Commission’s notice that the project is ready for environmental analysis; and
- after issuance of the NEPA document when we solicit written comments on the document.

Due to on-going concerns with large gatherings related to COVID-19, we do not intend to hold in-person public scoping meetings or an environmental site review. Instead, we are soliciting written comments and recommendations on the preliminary list of issues and alternatives to be addressed in the NEPA document. In addition to written comments solicited by this SD1, Commission staff will hold two public scoping meetings using a telephone conference line. The daytime meeting will focus on concerns of resource agencies, Native American tribes, and NGOs, while an evening meeting will focus on receiving comments from the public. Nevertheless, we invite all interested agencies, Native American tribes, NGOs, and individuals to attend any of these meetings to assist us in identifying the scope of environmental issues that should be analyzed in the NEPA document. Public comments will be accepted and recorded during the agency meeting and the public meeting. In addition, Control Technology will provide a presentation of the proposed project prior to the scoping meeting date that can be accessed at:

<https://controltechnologyorg.sharepoint.com/:f:/s/BlueDiamondPumpedStorageProject/EOXtMViiW0dLthriIViL5cBU8j0nYedHiX8TIVojEcLoA?e=S0Djpp>. The meetings are scheduled as follows:

<p>Meeting for resource agencies, Tribes, and NGOs:</p> <p>Tuesday, March 29, 2022 9:00 a.m. - 12:00 p.m. PST</p> <p>Call in number: (800) 779-8625 Access code: 3472916</p> <p>Following entry of the access code, please provide the required details when prompted</p>
<p>Meeting for the general public:</p> <p>Tuesday, March 29, 2022 6:00 p.m. - 8:00 p.m. PST</p> <p>Call in number: (800) 779-8625 Access code: 3472916</p> <p>Following entry of the access code, please provide the required details when prompted</p>

Commission staff will moderate the scoping meetings. The meetings will begin promptly at their respective start times listed above.

At the start of the meeting, staff will provide further instructions regarding the meeting setup, agenda, and time period for participant comments and questions. We ask for your patience as staff present information and field comments in orderly manner. To indicate you have a question or comment, press # and 0 to alert the operator to unmute you. Oral comments will be limited to 5 minutes in duration for each participant. Both scoping meetings will be recorded by a court reporter and the transcripts will be made available on eLibrary.

Please note, that if no participants join the meetings within 15 minutes after the start time, staff will end the meeting and conference call. The meetings will end after participants have presented their oral comments or at the specified end time (listed above), whichever occurs first.

Interested stakeholders who choose not to speak or who are unable to attend the scoping meetings may provide written comments and information to the Commission as described in Section 6.0, *Request for Information and Studies*. These meetings are posted on the Commission's calendar at <https://www.ferc.gov/news-events/events>, click on the "Scoping Meeting" link on the left side of the page.

Scoping commenters should provide information on issues and/or concerns as they pertain to the proposed continued operation and maintenance of the project. It is advised that commenters review the PAD when preparing comments. Copies of the PAD may be viewed on the Commission's website (<http://www.ferc.gov>), using the "eLibrary" link. Enter docket number P-14804 to access the document. For assistance, contact FERC Online Support at FERCOnlineSupport@ferc.gov, or toll free at 1-866-208-3676, or for TTY, (202) 502-8659. At this time, the Commission has suspended access to the Commission's Public Reference Room, due to the proclamation declaring a National Emergency concerning COVID-19 issued by the President on March 13, 2020.

Following the scoping comment period, all issues raised will be reviewed and decisions made as to the level of analysis needed. If preliminary analysis indicates that any issues presented in this scoping document have little potential for causing significant effects, the issue(s) will be identified and the reasons for not providing a more detailed analysis will be given in the NEPA document.

If we receive no substantive comments on SD1, then we will not prepare a Scoping Document 2 (SD2). Otherwise, we will issue a SD2 to address any substantive comments received. The SD2 will be issued for informational purposes only; no response will be required. The NEPA document will address recommendations and input received during the scoping process.

3.0 PROPOSED ACTION AND ALTERNATIVES

In accordance with NEPA, the environmental analysis will consider the following alternatives, at a minimum: (1) the no-action alternative; (2) Control Technology's proposed action; and (3) the alternatives to the proposed action.

3.1 NO-ACTION ALTERNATIVE

Under the no-action alternative, the effects of a non-construction scenario are analyzed.

3.1.1 Proposed Project Facilities

Reservoirs

The proposed 5,415-acre-foot upper reservoir would be impounded by a combination of dirt-fill dikes composed of material excavated during the construction of the reservoir and, to the extent practicable, by the available topographic features (i.e., slopes) atop Blue Diamond Ridge. The proposed 4,900-acre-foot lower reservoir would also be constructed using a combination of dirt-fill dikes and the available topography where the lower reservoir would be located. Both reservoirs would be lined with impermeable membrane to prevent reservoir water loss through seepage, as well as covered by a floating membrane to prevent loss of water through evaporation. Control Technology proposes to initially fill the reservoirs from one or more neighboring water districts. Reservoir losses would be replaced annually by water from the neighboring water district(s).

Upper Penstock

The proposed 4,300-foot-long, 21-foot-diameter concrete and steel-lined below- and above-ground upper penstock, bifurcated into two segments of unknown length, would convey water from the upper reservoir into the powerhouse where it would connect to two vertical Francis-type pump/turbine units. The upper penstock would have intake/exit works located in the upper reservoir.

Powerhouse and Appurtenant Facilities

The proposed 200-foot-long, by 100-foot-wide, by 150-foot-foot-high concrete powerhouse and switchyard would be located adjacent to the lower reservoir. The powerhouse would contain two vertical single-stage reversible Francis-type pump/turbines directly connected to vertical synchronous generator/motors operating at 450 MW total capacity while generating and 420 MW while pumping. Unit start as a pump will be assisted by a Static Frequency Converter. All equipment, mechanical,

electrical, electronic, and hydraulic, will be of most modern design and according to all relevant industry and governmental standards. A proposed 3.5-mile-long, 230-kilovolt transmission line would extend east from the powerhouse to an interconnection with the local electric utility (NV Energy) infrastructure.

Lower Penstock

The proposed lower penstock, of unknown dimension, would begin bifurcated, connected to the two draft tubes of the pump/turbine units, and merge into a single penstock that would terminate in the lower reservoir at an intake/exit works. The lower penstock would be used as a tailrace during power generation and would convey water from the lower reservoir, through the pump/turbine units, to refill the upper reservoir during off-peak times.

Initial and Makeup Fill Water Conveyance System

One or more water supply pipelines, of unknown dimensions, are proposed to convey water from one of more local water districts to the project for initial and annual makeup fill.

Access Roads and Construction Staging Areas

The proposed project would require approximately 6 miles of access roads and an unknown number of construction staging areas of unknown dimension.

3.1.2 Proposed Project Operation

The proposed project would use off-peak energy to pump water from the lower reservoir to the upper reservoir during periods of low electrical demand and generate energy to meet peak energy demands by passing the water from the upper to the lower reservoir through the generating units during periods of high electrical demand. The low demand periods are expected to be during nights and throughout the weekends, and the high demand periods are expected to be in the daytime during weekdays. The proposed project is designed to maximize benefits to the electrical grid while minimizing evaporation from both reservoirs.

The proposed project reservoir volume would match the daily flow capacities in both generation and pumping so that the level in the upper reservoir is restored at the end of each 24-hour cycle, utilizing 5-day operating weeks. Depending on market conditions, the proposed project may use 5-day generating and 6-day pump cycles or some other alternative usage scenarios. The amount of active storage in the upper reservoir would be 5,415 acre-feet, providing 10 hours of daily energy generation at the typical generating discharge, providing 4,500 megawatt-hours of on-peak generation.

3.2 CONTROL TECHNOLOGY'S PROPOSAL

3.2.1 Proposed Project Facilities and Operations

The proposed action is to construct, operate, and maintain the project as required by any license that may be issued.

3.2.2 Proposed Environmental Measures

Control Technology proposes the following environmental protection, mitigation, and enhancement measures:⁶

Geologic and Soil Resources

- Develop a site-specific erosion and sediment control plan, in consultation with the BLM, Natural Resource Conservation Service, the Nevada State Division of Environmental Protection, and Clark County, to minimize soil impacts.
- Develop a site-specific revegetation plan, in consultation with the BLM, U.S. Fish and Wildlife Service (FWS), and Nevada Department of Wildlife (Nevada DOW), to stabilize disturbed areas.
- Develop wind erosion control measures in consultation with Clark County.
- Test soils that come into contact with concrete, for gypsum content, to ensure it would not affect the concrete.
- Maintain a 50-foot buffer around the forebay to minimize effects from blasting at the adjacent mine.
- During design of the penstocks, determine both the strength and permeability of the bedrock throughout all construction areas to safeguard against loss of water from the penstock to the surrounding bedrock aquifers.
- Prior to construction, determine maximum seismic allowable velocities of the forebay facilities and confirm the blasting buffer zone with the federal Mine Safety and Health Administration, so blasting activities will be designed,

⁶ Control Technology states in its PAD that it intends to largely adopt the recommendations of Commission staff as shown in the Final Environmental Impact Statement (FEIS) for the Blue Diamond South Pumped Storage Hydroelectric Project (Project No. 10756), issued December 10, 1996 (accession number: 19961213-0368). As such, the following proposed environmental measures are the Commission staff recommended mitigative measures found in section 5.4.2 and Appendix A of the FEIS for Project No. 10756.

conducted, and monitored to prevent accelerations or velocities from exceeding the established maximum values.

- Continue to communicate with the mining company throughout the construction phase of the project to ensure safety of all personnel.
- Develop a report on seismic design and determination of safety factors for inclusion in a final design report, which includes: (1) a report on seismic history; (2) values used for seismic loading; and (3) a discussion of the basis for selecting the methods of seismic analysis.

Water and Aquatic Resources

- Coordinate with the U.S. Army Corps of Engineers, Clark County, and the Clark County Regional Flood Control District during design of the transmission line and water pipeline to avoid, minimize, or mitigate potential impacts to proposed flood control structures.
- If groundwater is encountered in the construction of underground project facilities, it would be used for construction purposes if suitable, or routed into the surface water control system defined in an erosion and sediment control plan.

Terrestrial Resources

- Revegetate disturbed areas in accordance with a revegetation plan.
- In coordination with the BLM, salvage cactus, yucca, and other desert plants in the forebay and afterbay sites that cannot be used as part of the revegetation program for use for public purposes or revegetation efforts on other public lands in the Las Vegas area.
- Monitor revegetated areas annually for a period of at least 5 years and implement supplemental planting or seeding as necessary.
- Survey for bird nests in the project area prior to construction so that active nests can be avoided.
- Incorporate current raptor protection methods into the design of the project transmission line to ensure that raptor electrocution would be minimized.
- Conduct surveys of the moist air vents near the forebay site to determine whether there is amphibian habitat associated with them, and monitor these areas after construction to see if changes to their microclimate occur as a result of construction of the facility.
- Participate in a cooperative funding program with the BLM, Nevada Department of Transportation, and local property owners to construct 4.8 miles

of fencing along Highway 159 to mitigate potential impacts to wild horses and burros.

Threatened and Endangered Species

- Develop a desert tortoise mitigation plan,⁷ in consultation with the BLM, FWS, and Nevada DOW, that includes 17 provisions to: (1) minimize mortality or injury from construction activities; (2) minimize predation by ravens; (3) minimize destruction of tortoise habitat; (4) minimize entrapment of tortoises; and (5) ensure compliance with the above measures.
- Develop a Gila monster mitigation plan that includes provisions to: (1) capture and detain live Gila monsters in a cool environment (similar to desert tortoise) by a project biologist until a Nevada DOW biologist can arrive for documentation; (2) document the location (on a map), date, time, circumstances (e.g., during a biological survey or construction) and habitat description (vegetation, slope, aspect, substrate) and provide the documentation to Nevada DOW; (3) transfer Gila monsters injured during project construction, operation, or maintenance to a veterinarian proficient in reptile medicine for appropriate evaluation and treatment – if a Gila monster is killed or found dead, the carcass will be immediately frozen and transferred to Nevada DOW with a complete written description of circumstances, habitat, and mapped location; and (4) using 35mm slide film, good quality photographs of the Gila monster *in situ* at the location of encounter or salvage will be taken, showing (a) the encounter location and overview of the landscape with Gila monster in clear view, (b) a clear overhead shot of the entire body with a ruler next to it for scale (should fill camera's field of view), and (c) a clear overhead close-up of the head (should fill the camera's field of view) and provided to Nevada DOW.
- Develop a chuckwalla mitigation plan that includes provisions to: (1) take and provide to Nevada DOW good quality photographs of chuckwallas observed representing three geographically distinct locations along the project area using 35mm slide film, showing the landscape with chuckwalla in clear, discernable view, and accompanied with a description of the location, date, time, and habitat description (vegetation, slope, aspect, substrate); and (2) immediately freeze a chuckwalla if one is killed or found dead and transfer it to Nevada DOW with a complete written description of circumstances and habitat description (vegetation, slope, aspect, substrate) with mapped location.

⁷ See Desert Tortoise Mitigation Plan, Appendix A, of the FEIS for Project No. 10756.

- Construct fencing around the upper and lower reservoir sites and remove any Gila monsters or chuckwallas found within the perimeter.
- Conduct pre-construction surveys for the chuckwalla, Gila monster, and two sensitive plant species *Penstemon bicolor* and *Astragalus remotus*, and if any of these species are identified in the area of impact, develop and implement measures to avoid or mitigate any impacts to these species cause by the project – including removing sensitive vertebrates from inside fenced areas.
- Survey the east face of Blue Diamond Hill and the project transmission line corridor for peregrine falcon nesting and conduct periodic monitoring to ensure that peregrine falcons are not affected by project facilities.
- Develop an education program to inform drivers of project construction, operation, and maintenance vehicles of the Blue Diamond cholla habitat along the existing mining road, to prevent the impromptu turning around of vehicles, and monitor compliance with the program and its effectiveness throughout the life of the project.

Recreation

- Consult with the BLM to avoid or minimize conflicts with the special recreation use permittee where the proposed access road to the lower reservoir would be located.

Land Use and Aesthetics

- Coordinate with the U.S. Army Corps of Engineers, Clark County, and the Clark County Regional Flood Control District to ensure that project features would not interfere with ongoing flood control projects.
- Before initiating any construction activity, develop a traffic management plan, in consultation with the Nevada Department of Transportation and Clark County, that includes provisions to address construction traffic management on Highways 159 and 160, provides details for mitigating impacts where feasible, and details methods to reduce project construction traffic to the extent possible.
- Develop visual mitigative measures, in consultation with the BLM, that includes the use of soil coloring agents for light-colored soils, concrete, and exposed rock surfaces, and consider use of rock-rubble for exposed or recontoured soils.
- Consult with the Clark County Fire Department to obtain appropriate blasting permits and to prepare a plan for blasting activities.

Air Quality

- Develop an air quality management plan, in consultation with the Clark County Health District, to identify all potential sources of air pollution and all feasible measures to reduce the severity of impacts, and that incorporates standard fugitive dust control practices in project construction including the use of dust control chemicals or enzymes, pre-wetting materials in excavation areas, utilizing water in embankments for compaction, and regularly wetting access roads with water.
- Minimize project construction traffic, in consultation with the Clark County Health District, by busing or car-pooling employees to reduce emissions of CO, a pollutant of significant concern in the area.

3.3 ALTERNATIVES TO THE PROPOSED ACTION

Commission staff will consider and assess all alternative recommendations for operational or facility modifications, as well as protection, mitigation, and enhancement measures identified by the Commission, agencies, Indian tribes, NGOs, and the public.

4.0 SCOPE OF RESOURCE ISSUES

4.1 RESOURCE ISSUES

In this section, we present a preliminary list of potential environmental issues to be addressed in the NEPA document.⁸ We identified these issues, which are listed by resource area, by reviewing the PAD and the Commission’s public record for the Blue Diamond Project. This list is not intended to be exhaustive or final, but contains the issues raised to date. After the scoping process is complete, we will review the list and determine the appropriate level of analysis needed to address each issue in the NEPA document.

4.1.1 Geology and Soils Resources

- Effects of project construction and operation on geology and soils resources.
- Effects of project construction and operation on soil erosion and sedimentation.

4.1.2 Water Resources

- Effects of project construction, operation, and maintenance on groundwater in the Las Vegas Aquifer.
- Effects of reservoir seepage on groundwater levels and groundwater quality.
- Effects of groundwater pumping on other water users in the Las Vegas Valley.
- Effects of project water diversions from Lake Mead/Colorado River, Meranto Reservoir, and the planned Cougar Reservoir for use in filling and replenishing water in the project reservoirs.
- Effects of project construction, operation, and maintenance on water quality in the project area.
- Effects of project construction, operation, and maintenance on surface water quality and drainage patterns.
- Effects on long-term water quality in the reservoirs.

4.1.3 Aquatic Resources

- Effects of project water diversions on aquatic resources in Lake Mead/Colorado River.

⁸ Per CEQ’s final rule (July 16, 2020), Commission staff will consider and evaluate effects that are reasonably foreseeable and have a reasonably close causal relationship (proximate cause) to the proposed action.

- Effects of project construction, operation, and maintenance on the Blue Diamond Wash and other washes adjacent to the proposed project.

4.1.4 Terrestrial Resources

- Effects of project construction, operation, and maintenance on riparian vegetation and habitats.
- Effects of potential introduction and spread of invasive species within the project boundary.
- Effects of project construction, operation, and maintenance on avian species, including bald and golden eagles and their habitats.
- Effects of project construction, operation, and maintenance on wildlife species and their habitats.
- Effects of non-routine project construction and maintenance on plant and wildlife species.
- Effects of project construction, operation, and maintenance, including vegetation management, on special-status plant and wildlife species and their habitats, including those identified in Control Technology's PAD⁹ as well as on nesting migratory birds.¹⁰

4.1.5 Threatened and Endangered Species

- Effects of project construction, operation, and maintenance on state-listed sensitive plant and wildlife species and federally listed species, including the endangered southwestern willow flycatcher (*Empidonax traillii extimus*), endangered Yuma Ridgway's (clapper) rail (*Rallus obsoletus [=longirostris] yumanensis*), endangered Pahrump poolfish (*Empetrichthys latos*), threatened desert tortoise (*Gopherus agassizii*), and a candidate for listing under the Endangered Species Act, the monarch butterfly (*Danaus plexippus*).

4.1.6 Recreation Resources

- Effects of project construction, operation, and maintenance on recreation use and resources in the project area, including at the BLM Red Rocks Canyon National Conservation Area (Red Rocks Canyon NCA), BLM land on which

⁹ Sections 4.8 of the PAD identified special-status wildlife species known to occur or potentially occur in the vicinity of the project.

¹⁰ Migratory birds include any species protected under the Migratory Bird Treaty Act (50 CFR 10.13).

the project would be located, other surrounding BLM land, and Clark County parkland.

4.1.7 Land Use and Aesthetic Resources

- Effects of project construction, operation, and maintenance on proposed residential development, Southern Nevada Water Authority water lines, and Regional Flood Control District flood control facilities in the project area.
- Effects of project construction, operation, and maintenance on management and non-recreation use of BLM land.
- Effects of project construction, operation, and maintenance on residents who view the landscape from nearby neighborhoods and on visitors who view the landscape, including from the Red Rocks Canyon NCA, other surrounding BLM land, and from Clark County parks.
- Effects of project construction and associated noise on visitors to the area, including the Red Rocks Canyon NCA.
- Effects of increased traffic and potential congestion on local roads due to project construction and operation.
- Effects of project construction, operation, and maintenance on adjacent mining activities.

4.1.8 Air Quality

- Effects of project construction and operation of the project on air quality in the region.

4.1.9 Cultural and Tribal Resources

- Effects of project construction, operation, and maintenance on historic or archaeological resources, and traditional cultural properties that may be eligible for inclusion in the National Register of Historic Places, or on other areas or places of religious, cultural, and traditional importance to Indian tribes.

4.1.9 Socioeconomics

- Effects of the proposed project on local, tribal, and regional economies.

4.1.10 Developmental Resources

- Effects of the proposed project and alternatives, including any protection, mitigation, enhancement measures, and recommended environmental measures, on project economics.

5.0 PROPOSED STUDIES

Depending upon the findings of studies completed by Control Technology and the recommendations of the consulted entities, Control Technology will consider, and may propose certain other measures to enhance environmental resources affected by the project as part of the proposed action. Control Technology’s initial study proposals are identified by resource area in Table 1. Detailed information on Control Technology’s initial study proposals may be found in the PAD. Further studies may need to be added to this list based on comments provided to the Commission and Control Technology from interested participants, including Indian tribes.

Table 1. Control Technology’s initial study proposals for the Blue Diamond Project. (Source: Control Technology’s PAD, Sections 4.3.5 and 5.2)

PROPOSED STUDIES
Geology and Soil Resources
Earthquake Design Ground Motions – Control Technology proposes to undertake seismographic analysis of the project area to determine whether some project features that would be located above an inactive fault segment could be affected by seismologic activity or if project construction and operation could affect seismology.
Aesthetic Resources
Red Rock Canyon NCA Visual Impact Evaluation – Control Technology proposes to undertake visual impact simulations of the project site from locations within the Red Rock Canyon NCA.
Blue Diamond Area Visual Impact Evaluation – Control Technology proposes to undertake visual impact simulations of the project site from locations in and around Blue Diamond.

6.0 REQUEST FOR INFORMATION AND STUDIES

We are asking federal, state, and local resource agencies, Indian tribes, NGOs, and the public to file with the Commission any information that will assist us in conducting an accurate and thorough analysis of the project-specific and cumulative effects associated with licensing the Blue Diamond Project. The types of information we request includes, but are not limited to:

- information, quantitative data, or professional opinions that may help define the scope of the analysis, and that helps identify significant environmental issues;
- identification of, and information from, any EA, EIS, or similar environmental study/report (previous, on-going, or planned) relevant to the proposed licensing of the Blue Diamond Project;
- existing information and any data that would help characterize environmental conditions, habitats, and effects of the project on environmental and socioeconomic resources;
- the identification of any federal, state, local resource plans, or documentation showing why any resources should be excluded from further study or consideration; and
- study requests by federal and state agencies, local agencies, Indian tribes, NGOs, and the public that would help provide a framework for collecting pertinent information on the resource areas under consideration necessary for the Commission to prepare the NEPA document for the project.

All requests for studies filed with the Commission must meet the criteria found in Appendix B, *Study Plan Criteria*.

The requested information, comments, and study requests should be submitted to the Commission **no later than April 29, 2022**. All filings must clearly identify the following on the first page: **Blue Diamond Advanced Pumped Storage Project (P-14804-003)**. Scoping comments may be filed electronically via the Internet. See 18 C.F.R. 385.2001(a)(1)(iii) and the instructions on the Commission's website <https://ferconline.ferc.gov/FERCOnline.aspx>. Commenters can submit brief comments up to 6,000 characters, without prior registration, using the eComment system at <https://ferconline.ferc.gov/QuickComment.aspx>. You must include your name and contact information at the end of your comments. For assistance, please contact FERC Online Support at FERCOnlineSupport@ferc.gov or toll free at 1-866-208-3676, or for TTY, (202) 502-8659. Although the Commission strongly encourages electronic filing,

documents may also be paper-filed. To paper-file, mail an original and five copies. Submissions sent via the U.S. Postal Service must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street NE, Room 1A, Washington, DC 20426. Submissions sent via any other carrier must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 12225 Wilkins Avenue, Rockville, Maryland 20852.

Register online at <https://ferconline.ferc.gov/FERCOOnline.aspx> to be notified via email of new filings and issuances related to these or other pending projects. For assistance, please contact FERC Online Support FERCOOnlineSupport@ferc.gov.

Any questions concerning the scoping process or how to file written comments with the Commission should be directed to Evan Williams, the Commission's licensing coordinator for the Blue Diamond Project, at (202) 502-8462 or evan.williams@ferc.gov. Additional information about the Commission's licensing process and the Blue Diamond Project may be obtained from the Commission's website, www.ferc.gov.

7.0 CURRENT PROCESSING SCHEDULE

The decision on whether to prepare an EA or EIS will be determined after the license application is filed and we fully understand the scope of effects and measures under consideration. The NEPA document will be distributed to all persons and entities on the Commission's service and mailing lists for the Blue Diamond Project. The NEPA document will include our recommendations for operating procedures, as well as environmental protection and enhancement measures that should be part of any license issued by the Commission. The comment period will be specified in the notice of availability of the NEPA document.

The major milestones, with pre-filing target dates, are as follows:

<u>Major Milestone</u>	<u>Target Date</u>
Stakeholder Comments on SD1 due	April 29, 2022
FERC Issues SD2 (if necessary)	June 13, 2022
Control Technology Files Proposed Study Plan	June 13, 2022
FERC Issues Study Plan Determination	November 10, 2022
Control Technology Conducts Studies	Spring/Summer 2023/2024
Control Technology Files Final License Application	May 25, 2024

A process plan, which has a complete list of licensing milestones for the Blue Diamond Project is attached as Appendix A.

8.0 COMPREHENSIVE PLANS

Section 10(a)(2) of the FPA, 16 U.S.C. section 803(a)(2)(A), requires the Commission to consider the extent to which a project is consistent with federal and state comprehensive plans for improving, developing, or conserving a waterway or waterways affected by a project. Commission staff have preliminarily identified and reviewed the plans listed below that may be relevant to the Blue Diamond Project. Agencies are requested to review this list and inform the Commission staff of any changes. If there are other comprehensive plans that should be considered for this list that are not on file with the Commission, or if there are more recent versions of the plans already listed, they can be filed for consideration with the Commission according to 18 CFR 2.19 of the Commission's regulations. Please follow the instructions for filing a plan at <https://cms.ferc.gov/media/list-comprehensive-plans>.

The following is a list of comprehensive plans currently on file with the Commission that may be relevant to the Blue Diamond Project.

Federal Plans

National Park Service. 1993. *The Nationwide Rivers Inventory*. Department of the Interior, Washington, D.C.

United States Fish and Wildlife Service and Canadian Wildlife Service. 1986. North American Waterfowl Management Plan.

Nevada Plans

Nevada Department of Conservation and Natural Resources. 2010. *Nevada Statewide Comprehensive Outdoor Recreation Plan (SCORP): 2010*. Carson City, Nevada. 2010.

9.0 MAILING LIST

The list below is the Commission’s official mailing list for the Blue Diamond Advanced Pumped Storage Project (FERC No. 14804). If you want to receive future mailings for the project and are not included in the list below, please send your request by email to efiling@ferc.gov or by mail. Submissions sent via the U.S. Postal Service must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street NE, Room 1A, Washington, DC 20426. Submissions sent via any other carrier must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 12225 Wilkins Avenue, Rockville, Maryland 20852. All written and emailed requests to be added to the mailing list must clearly identify the following on the first page: **Blue Diamond Advanced Pumped Storage Project No. 14804-003**. You may use the same method if requesting removal from the mailing list below.

Register online at <https://ferconline.ferc.gov/FERCOOnline.aspx> to be notified via email of new filings and issuances related to this or other pending projects. For assistance, please contact FERC Online Support at FERCOOnlineSupport@ferc.gov or toll free at 1-866-208-3676, or for TTY, (202) 502-8659.

Official Mailing List for the Blue Diamond Advanced Pumped Storage Project

David Kates Hydro Company, Inc. dba Nevada Hydro Company Inc. 1550 Airport Blvd Ste 201 Santa Rosa, CA 95403	David Kates Control Technology, Inc. 2416 Cades Way Vista, CA 92081-7830
Governor of Nevada Nevada Office of the Governor State Capitol Building 101 N. Carson Street Carson City, NV 89701	

APPENDIX A

PROCESS PLAN AND SCHEDULE BLUE DIAMOND ADVANCED PUMPED STORAGE PROJECT NO. 14804

Shaded milestones are unnecessary if there are no study disputes. If the due date falls on a weekend or holiday, the due date is the following business day. Early filings or issuances will not result in changes to these deadlines.

Responsible Entity	Pre-Filing Milestone^a	Date^b	FERC Regulation
Control Technology	Filed NOI and PAD	5/25/2021	5.5, 5.6
FERC	Consultation Meetings with Tribes	12/10/2021	5.7
FERC	Issue Notice of Commencement of Proceeding and SD1	2/28/2022	5.8
FERC	Scoping Meeting	3/29/2022	5.8(b)(viii)
All Stakeholders	File Comments on PAD/SD1 and Study Requests	4/29/2022	5.9
FERC	Issue SD2 (if necessary)	6/13/2022	5.10
Control Technology	File Proposed Study Plan	6/13/2022	5.11(a)
All Stakeholders	Study Plan Meeting	7/13/2022	5.11(e)
All Stakeholders	File Comments on Control Technology's Proposed Study Plan Due	9/11/2022	5.12
Control Technology	File Revised Study Plan	10/11/2022	5.13(a)
All Stakeholders	File Comments on Control Technology's Revised Study Plan	10/26/2022	5.13(b)
FERC	Issue Study Plan Determination	11/10/2022	5.13(c)
Mandatory Conditioning Agencies	File Any Study Disputes	11/30/2022	5.14(a)
Dispute Panel	Select Third Dispute Resolution Panel Member	12/15/2022	5.14(d)(3)

Responsible Entity	Pre-Filing Milestone^a	Date^b	FERC Regulation
Dispute Panel	Convene Dispute Resolution Panel	12/20/2022	5.14(d)
Control Technology	File Comments on Study Disputes	12/25/2022	5.14(i)
Dispute Panel	Dispute Resolution Panel Technical Conference	12/30/2022	5.14(j)
Dispute Panel	Issue Dispute Resolution Panel Findings	1/19/2023	5.14(k)
FERC	Issue Director's Study Dispute Determination	2/8/2023	5.14(l)
Control Technology	Conduct First Study Season	11/10/2023	5.15(a)
Control Technology	File Initial Study Report	11/10/2023	5.15(c)(1)
All Stakeholders	Initial Study Report Meeting	11/25/2023	5.15(c)(2)
Control Technology	File Initial Study Report Meeting Summary	12/10/2023	5.15(c)(3)
All Stakeholders	File Disagreements/Requests to Amend Study Plan	1/9/2024	5.15(c)(4)
All Stakeholders	File Responses to Disagreements/Amendment Requests	2/8/2024	5.15(c)(5)
FERC	Issue Director's Determination on Disagreements/Amendments	3/9/2024	5.15(c)(6)
Control Technology	Conduct Second Study Season	Spring/ Summer 2024	5.15(a)
Control Technology	File Updated Study Report	11/9/2024	5.15(f)
All Stakeholders	Updated Study Report Meeting	11/24/2024	5.15(f)
Control Technology	File Updated Study Report Meeting Summary	12/9/2024	5.15(f)
All Stakeholders	File Disagreements/Requests to Amend Study Plan	1/8/2025	5.15(f)

Responsible Entity	Pre-Filing Milestone^a	Date^b	FERC Regulation
All Stakeholders	File Responses to Disagreements/Amendment Requests	2/7/2025	5.15(f)
FERC	Issue Director's Determination on Disagreements/Amendments	3/9/2025	5.15(f)
Control Technology	File Preliminary Licensing Proposal (or Draft License Application) ^c	12/27/2023	5.16(a)-(c)
All Stakeholders	File Comments on Preliminary Licensing Proposal (or Draft License Application)	3/26/2024	5.16(e)
Control Technology	File Final License Application	5/25/2024	5.17
Control Technology	Issue Public Notice of Final License Application Filing	6/8/2024	5.17(d)(2)

- ^a The activity description is a good faith effort to summarize the pertinent regulation. The reader is encouraged to read the specific regulation.
- ^b When an activity is contingent on completion of a previous activity, the schedule assumes the previous activity is completed the latest date possible for that previous activity, unless otherwise indicated.
- ^c This ILP schedule assumes that studies begin when FERC issues its Study Determination and may continue for two years or more.

APPENDIX B

STUDY PLAN CRITERIA 18 CFR Section 5.9(b)

Any information or study request must contain the following:

1. Describe the goals and objectives of each study proposal and the information to be obtained;
2. If applicable, explain the relevant resource management goals of the agencies or Indian tribes with jurisdiction over the resource to be studied;
3. If the requester is not a resource agency, explain any relevant public interest considerations in regard to the proposed study;
4. Describe existing information concerning the subject of the study proposal, and the need for additional information;
5. Explain any nexus between project operations and effects (direct, indirect, and/or cumulative) on the resource to be studied, and how the study results would inform the development of license requirements;
6. Explain how any proposed study methodology (including any preferred data collection and analysis techniques, or objectively quantified information, and a schedule including appropriate filed season(s) and the duration) is consistent with generally accepted practice in the scientific community or, as appropriate, considers relevant tribal values and knowledge; and
7. Describe considerations of level of effort and cost, as applicable, and why proposed alternative studies would not be sufficient to meet the stated information needs.

For more information, see the Guide to Understanding and Applying the Integrated Licensing Process Study Criteria on the Commission's web site (<https://www.ferc.gov/sites/default/files/2020-04/AGuidetoUnderstandingandApplyingtheIntegratedLicensingProcessStudyCriteria.pdf>).

**ATTACHMENT A
RED ROCK CITIZENS ADVISORY COUNCIL
ZONING AGENDA
WEDNESDAY, 7:00 P.M., MARCH 30, 2022**

04/19/22 PC

1. **VS-22-0097-IANNUCCI MARIO & SHANNON:**
VACATE AND ABANDON easements of interest to Clark County located between Kulka Road and Wounded Horse Trail, and between Torino Avenue and Raven Avenue (alignment) within Red Rock (description on file). JJ/md/jo (For possible action)

04/19/22 PC AGENDA SHEET

EASEMENTS
(TITLE 30)

TORINO AVE/KULKA RD
RED ROCK

PUBLIC HEARING
APP. NUMBER/OWNER/DESCRIPTION OF REQUEST
VS-22-0097-IANNUCCI MARIO & SHANNON:

VACATE AND ABANDON easements of interest to Clark County located between Kulka Road and Wounded Horse Trail, and between Torino Avenue and Raven Avenue (alignment) within Red Rock (description on file). JJ/md/jo (For possible action)

RELATED INFORMATION:

APN:
175-14-801-019

LAND USE PLAN:
NORTHWEST COUNTY (RED ROCK) - OUTLYING NEIGHBORHOOD (UP TO 0.5 DU/AC)

BACKGROUND:

Project Description

The plans depict the vacation and abandonment of a 3 foot wide patent easement located along the north portion of the project site, adjacent to Torino Avenue. Additional patent easements measuring 33 feet in width will be vacated along the west and south portions of the site. The vacation of the patent easements are necessary to develop the subject property. The applicant states approval of this request will not have a negative effect on the neighborhood or surrounding areas.

Surrounding Land Use

	Planned Land Use Category	Zoning District	Existing Land Use
North	Outlying Neighborhood (up to 0.5 du/ac)	R-U	Undeveloped
South	Open Lands	R-U	Undeveloped
East and West	Outlying Neighborhood (up to 0.5 du/ac)	R-U	Single family residential

STANDARDS FOR APPROVAL:

The applicant shall demonstrate that the proposed request meets the goals and purposes of Title 30.

Analysis

Public Works - Development Review

Staff has no objection to the vacation of patent easements that are not necessary for site, drainage, or roadway development.

Staff Recommendation

Approval.

If this request is approved, the Board and/or Commission finds that the application is consistent with the standards and purpose enumerated in the Master Plan, Title 30, and/or the Nevada Revised Statutes.

PRELIMINARY STAFF CONDITIONS:

Current Planning

- Satisfy utility companies' requirements.
- Applicant is advised that the County is currently rewriting Title 30 and future land use applications, including applications for extensions of time, will be reviewed for conformance with the regulations in place at the time of application; a substantial change in circumstances or regulations may warrant denial or added conditions to an extension of time; the extension of time may be denied if the project has not commenced or there has been no substantial work towards completion within the time specified; and that the recording of the order of vacation in the Office of the County Recorder must be completed within 2 years of the approval date or the application will expire.

Public Works - Development Review

- Right-of-way dedication to include 30 feet for Torino Avenue;
- Vacation to be recordable prior to building permit issuance or applicable map submittal;
- Revise legal description, if necessary, prior to recording.
- Applicant is advised that this site is located within a Special Flood Hazard Area (SFHA) as designated by the Federal Emergency Management Agency (FEMA).

Fire Prevention Bureau

- No comment.

Clark County Water Reclamation District (CCWRD)

- No objection.

TAB/CAC:

APPROVALS:

PROTESTS:

APPLICANT: MARIO IANNUCCI

CONTACT: BAUGHMAN & TURNER, INC., 1210 HINSON ST, LAS VEGAS, NV 89102



VACATION APPLICATION

DEPARTMENT OF COMPREHENSIVE PLANNING

APPLICATION PROCESS AND SUBMITTAL REQUIREMENTS ARE INCLUDED FOR REFERENCE

APPLICATION TYPE	DEPARTMENT USE	APP. NUMBER: <u>VS-22-0097</u>	DATE FILED: <u>2/17/22</u>
<input checked="" type="checkbox"/> VACATION & ABANDONMENT (vs) <input type="checkbox"/> EASEMENT(S) <input type="checkbox"/> RIGHT(S)-OF-WAY <input type="checkbox"/> EXTENSION OF TIME (ET) (ORIGINAL APPLICATION #): _____		PLANNER ASSIGNED: <u>MNO</u>	TAB/CAC DATE: <u>3/30/22</u>
		TAB/CAC: <u>REDRock</u>	PC MEETING DATE: <u>4/19/22 @ 7:00 PM</u> @ 7:00 PM
		BCC MEETING DATE: <u>-</u>	FEE: <u>\$875.⁰⁰</u>

PROPERTY OWNER	NAME: <u>Mario & Shannon Iannucci</u> ADDRESS: <u>7155 Placid St</u> CITY: <u>Las Vegas</u> STATE: <u>NV</u> ZIP: <u>89119</u> TELEPHONE: <u>702-787-3577</u> CELL: _____ E-MAIL: <u>dino@raptorplumbing.com</u>
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APPLICANT	NAME: <u>Mario & Shannon Iannucci</u> ADDRESS: <u>7155 Placid St</u> CITY: <u>Las Vegas</u> STATE: <u>NV</u> ZIP: <u>89119</u> TELEPHONE: <u>702-787-3577</u> CELL: _____ E-MAIL: <u>dino@raptorplumbing.com</u> REF CONTACT ID #: _____
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CORRESPONDENT	NAME: <u>Baughman & Turner, Inc.</u> ADDRESS: <u>1210 Hinson St,</u> CITY: <u>Las Vegas</u> STATE: <u>NV</u> ZIP: <u>89102</u> TELEPHONE: <u>702-870-8771</u> CELL: _____ E-MAIL: <u>joshh@baughman-turner.com</u> REF CONTACT ID #: <u>137071</u>
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ASSESSOR'S PARCEL NUMBER(S): 175-14-801-019

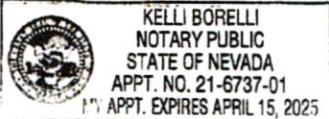
PROPERTY ADDRESS and/or CROSS STREETS: Torino/Margro

I, (We) the undersigned swear and say that (I am, We are) the owner(s) of record on the Tax Rolls of the property involved in this application, or (am, are) otherwise qualified to initiate this application under Clark County Code; that the information on the attached legal description, all plans, and drawings attached hereto, and all the statements and answers contained herein are in all respects true and correct to the best of my knowledge and belief, and the undersigned understands that this application must be complete and accurate before a hearing can be conducted.

[Signature]
 Property Owner (Signature)*

Mario Iannucci, Owner
 Property Owner (Print)

STATE OF NEVADA Clark
 COUNTY OF _____
 SUBSCRIBED AND SWORN BEFORE ME ON January 25, 2022 (DATE)
 By MARIO IANNUCCI
 NOTARY PUBLIC: Kelli Borelli



*NOTE: Corporate declaration of authority (or equivalent), power of attorney, or signature documentation is required if the applicant and/or property owner is a corporation, partnership, trust, or provides signature in a representative capacity.

Baughman & Turner, Inc.
Consulting Engineers & Land Surveyors

1210 Hinson Street
Las Vegas, Nevada 89102-1604

Phone (702) 870-8771
Fax (702) 878-2695

January 24, 2022

VS - 22 - 0097

Clark County Current Planning

500 S Grand Central Parkway
Las Vegas, Nevada 89155

**PLANNER
COPY**

**Re: Vacation of Government Patent Easements
APN 175-14-801-019 (Raptor Plumbing)**

To Whom It May Concern,

Please let this letter serve as a request and justification for a Vacation and Abandonment of government patent easements. The 33' Patent Easements lie along the westerly, southerly, and northerly property lines, of the 2.50-acre parcel.

Per the County's request we are vacating the unnecessary patent easement lying outside the proposed dedicated right-of-way (Torino Avenue) to be recorded by separate document, as well as the 33' lying along the west and south property lines. Any utility and/or drainage easements required will be retained.

The approval of this request will not have a negative effect on the neighborhood or surrounding areas.

Should you have any questions or concerns, please feel free to contact me at this office.

Sincerely,

Baughman & Turner, Inc.



David Turner
President

DT/jh