

APPENDIX A
COMMUNICATION PROTOCOL

MAY 2019

Bishop Creek Hydroelectric Project (FERC No. 1394) FERC Relicensing Technical Work Group Process

Communication Protocol

Southern California Edison's (SCE) 30-year license from the Federal Energy Regulatory Commission (FERC) to operate the Bishop Creek Hydroelectric Project (Project) located near Bishop, CA is due to expire on June 30, 2024. SCE has started the process to apply for a new license using FERC's Integrated Licensing Process, or ILP. This approach involves a high level of stakeholder engagement while encouraging expeditious timeframes for review by federal and state agencies. SCE is planning to formally initiate the relicensing process with FERC by April 1, 2019.

Communication Objectives

SCE has four primary objectives for its communications with stakeholders and interested members of the public during the relicensing process:

- **Objective 1:** Build public understanding of the Bishop Creek Hydroelectric System and the associated relicensing process.
- **Objective 2:** Provide public agency and other stakeholders (organizations, agencies, or individuals whose interests may be impacted by the relicensing, or who have a regulatory or permitting responsibility) and Native American tribes with multiple, meaningful opportunities to provide input and participate in the relicensing process.¹
- **Objective 3:** Understand and, as much as possible, integrate the needs and interests of stakeholders in the development of protection, mitigation, and enhancement measures and project operations.
- **Objective 4:** Identify key stakeholder or public issues and concerns early so they can be addressed through the licensing process.

Throughout 2018 and early 2019, SCE conducted "early relicensing activities" prior to its planned formal notification to FERC. SCE engaged stakeholders in a collaborative process via Technical Working Groups (TWGs) to identify and develop approved technical resource studies that will be included with the Pre-application Document (PAD) to be filed with FERC in early 2019. This Communication Protocol is intended to confirm the principles of collaborative and open communication agreed upon by the TWG participants in a 2018 Charter document [Appendix A].

The intent of the early collaboration is to facilitate an expeditious Study Plan Determination from the Director the Office of Energy Project (OEP) of FERC. While the process would normally take up to 9 months to develop study plans with input from Stakeholders, SCE has set a goal of having these approved within 5 months. The benefits from accelerating this process, as described by SCE will be to (1) provide

¹ SCE respects the sovereignty and unique status of Native American tribes and is committed to creating opportunities for meaningful tribal participation in the relicensing process. For purposes of this Protocol document the term "stakeholder" is intended to cover the needs and interests of tribes as well as stakeholders such as federal, state, or local agencies.

additional time for implementation of studies, if needed; and (2) additional time to develop protection, mitigation, and enhancement (PME) measures for the new license term in consultation with stakeholders.

Principles of Communication

SCE has committed to conduct its relicensing process guided by the following principles:

- **Transparency:** Conduct stakeholder engagement in an open and honest manner. Be clear about opportunities to have an impact on decision making, as well as other opportunities to engage. Be clear about who is involved in advising the licensee and how decision-making will occur for this relicensing process.
- **Inclusivity:** Provide opportunities for a variety of stakeholders to engage in the relicensing process. Enable stakeholders with technical knowledge to participate in a detailed manner with designing study plans, reviewing results, and advising on PM&E measures. Enable stakeholders without technical knowledge to provide information about their interests and values, to guide decision-making about potential impacts to communities and possible mitigation measures.
- **Responsiveness:** Aim to respond to stakeholder inquiries within two business days. Provide multiple avenues for inquiries, such as email, phone, and at relicensing meetings.
- **Accessibility:** Make it easy for stakeholders to get information about the project and the process. This includes building a clear and easy-to-use website, providing information in local newspapers, and ensuring that local representatives are well informed about the project and process.
- **Understanding:** Encourage understanding about the project and the relicensing process among different audiences, including the interested public and stakeholders. Prioritize understanding the primary interests and concerns of stakeholders for the relicensing.

Communication Strategy & Informational Resources

SCE recognizes that a variety of stakeholders will have interest in the future operations and license conditions of the Project. With this in mind, SCE has designed a communications and engagement strategy that offers a range of opportunities. These include providing community members and citizens groups with resources to learn about relicensing; establishing methods to share their concerns and aspirations for the project area; and facilitating Technical Working Groups as a venue for resource agencies, tribes, and private organizations including NGOs to engage in data-sharing and meaningful collaboration around management conditions.

As part of its early relicensing activities, SCE established multiple informational resources for the Bishop community and other interested members of the public to learn about the relicensing process, follow along with Technical Working Group progress, and provide their thoughts on the Project area. These included:

- A *Project website* (www.sce.com/bishopcreek), which provides links to the following documents and is periodically updated with the latest study plan drafts and summaries of TWG meetings
- A *project description, fact sheet, and overview of the relicensing process*
- *Project maps*
- *Email newsletter updates* on the relicensing process
- *Flyers* describing the relicensing process, which were posted in community meeting spots around Bishop and provided a link to the website for additional information
- A *Project email and phone hotline* for questions and comments

SCE intends to maintain and continue to update all these resources as appropriate throughout the relicensing process. The notification list for email updates was initially compiled to include representatives from local government agencies, non-profits, tribes, and citizens groups. This list has been augmented by attendees at SCE's March 2018 relicensing kick-off public meeting and individuals who signed up for additional information on the project website. SCE will continue to add to the list throughout the relicensing process.

Technical Working Group (TWG) Process

The Technical Working Groups provide technical expertise and represent key stakeholder constituencies throughout the relicensing period. The TWG process encompasses multiple working groups focused on specific resource areas. It provides a nexus between the interests and authorities of primary stakeholder groups (e.g., government agencies, tribes) and the essential questions of relicensing. The TWG process is intended to operate collaboratively, while also respecting the individual authorities and mandates of participating agencies, Native American tribes, and SCE's independent decision-making regarding the content of its license application, which will describe the Project's future operations.

Based on feedback at an initial meeting with interested stakeholders in Bishop in March 2018 and a field visit and initial work group meetings in June 2018, SCE formed four TWGs to focus on:

- Cultural Resources
- Terrestrial and Botanical Resources
- Aquatic Resources
- Recreation and Land Management Resources

The TWG process is open to parties with significant relicensing interests including public agencies, Native American tribes, and not-for-profit organizations, as well as individuals and will remain open to additional stakeholder participation throughout the relicensing process.

Responsibilities & Communication in the TWG Process

Participants are expected to make a significant time commitment to prepare for and attend meetings, review documents, and provide technical input to SCE and its

consultants. In light of this time commitment, it is expected that the TWG process will attract a relatively small number of subject matter experts. The TWGs have been meeting regularly as part of the pre-relicensing efforts to identify management concerns and develop mutually agreed upon study plans. Once FERC has made a study plan determination (estimated to be in early 2020), the TWGs will be involved in ongoing consultation as studies are implemented. Later in the process, the TWGs are also anticipated help develop PME measures that SCE will propose to be included in the next license term.

Technical Working Group participant responsibilities include:

1. Support success of the TWG process by regularly attending meetings, calls, and webinars or ensuring a designated alternate can attend; being prepared to address noticed topics and questions; and reviewing materials and providing input consistent with agreed schedules.
2. Provide relevant technical and scientific information, along with knowledge and constructive advice, to SCE's team and other stakeholders.
3. Respect meeting-specific guidelines intended to promote constructive communication.
4. Accurately communicate significant needs, interests, and priorities on behalf of an agency, tribe, or organization linked to the essential questions to be addressed through relicensing.
5. Work collaboratively with other stakeholders, seeking to integrate diverse needs and interests into solutions that work for multiple stakeholders.

SCE prioritizes communication to promote constructive and effective dialog. A successful TWG process will require timely, consistent, and transparent communication of information. This includes distributing agendas, presentations, and documents developed by SCE's technical team in advance of TWG meetings; circulating draft documents for comments with adequate time for review; and sharing of relevant technical information to support study plan development and other key steps in the ILP process. SCE will endeavor to:

1. Respond to incoming inquiries (via phone or email) within two business days. In cases where a response requires more time, SCE will provide notice that the inquiry was received and that more information will be forthcoming.
2. Provide email updates on the TWG/relicensing process to the interested public not less than twice a year, and more frequently where warranted by project milestones.
3. Issue agendas and documents for review no less than one week before a scheduled meeting.

4. Whenever possible, provide meeting summary notes for TWG review and comment within two weeks of meetings, and provide finalized summaries within two weeks of receiving all TWG member comments. Meeting summaries of the TWGs will be posted on the SCE relicensing web page (www.sce.com/bishopcreek).

While the team will do its utmost to share materials/summaries with ample time to review, comment, and finalize, it is important to ensure that these communication commitments do not impair the ability of SCE or stakeholders to meet FERC filing / comment milestones, which are mandated by a set regulatory timeline. When a filing must be made before a final set of documents or summaries are agreed to, all parties will work to continue dialogue.

Interested members of the public are welcome to observe throughout the relicensing process. This opportunity includes attending TWG meetings. Members of the public must agree to respect meeting guidelines. TWG members have responsibilities to work with their constituencies. Interested members of the public are encouraged to contact and communicate with TWG members to stay informed or share relevant information. In addition to direct communication with the TWG members, the interested public can submit written questions or concerns to SCE via email at bishopcreek@sce.com.

SCE will make its own, independent decision about the content of its submittals to FERC, including its Pre-Application Document and study plans. SCE hopes to endorse consensus agreements developed through the TWG process. Regardless, SCE has committed to including a consultation summary of its dialogue with TWG members that details requests made and how SCE responded to that request. When SCE is not able to accommodate a request, a rationale will be provided.

Facilitator Roles and Responsibilities

SCE has contracted with Kearns & West (K&W) to provide a range of outreach and engagement services as part of the relicensing, including serving as facilitators for the TWG process.

The K&W team has multiple roles that include:

- Advocate for and steward a high-quality, collaborative TWG process as well as additional informational opportunities for stakeholders and the public outside the TWG process.
- Provide neutral/non-partisan input about substantive content or choices such as potential study questions or study plans to support effective communications and engagement.
- Be available to all TWG participants to support participation.
- Protect information shared with a reasonable expectation of confidence by a TWG participant, including SCE or its technical consultant team, subject to any legal limitations.

SCE intends that the K&W team be viewed as independent and non-partisan, and as a resource for all stakeholders to promote collaboration.

APPENDIX B
LICENSE CONDITIONS

MAY 2019

DETAILED SUMMARY OF LICENSE REQUIREMENTS

Requirement Type	Requirement	Amendment History
Article 101: Special Use Authorization from Forest Service	Requires licensee to obtain a special-use authorization from the Forest Service (FS) for the occupancy and use of FS lands. Land-disturbing activities may commence 60 days following the filing date of such authorization.	FERC Order on Rehearing issued February 1, 1995: Removed this article from the license.
Article 102: Written Approval of Forest Service for Project Components Occurring on National Forest System Land	Requires licensee to obtain the prior written approval of the FS for all final design plans for project components which the FS deems as affecting or potentially affecting NFS resources.	Amended November 20, 1998: Replaces the article's reference to the FS special use authorization with the requirement to follow the written instructions provided by the FS.
Article 103: Written Approval of Forest Service for Changes in Location of Project Features	Requires licensee to obtain written approval from FS prior to making any changes in the location of any constructed project features or facilities, or in the uses of project lands and waters, or any departure from the requirements of any approved exhibits filed with the Commission.	
Article 104: Annual Consultation	Requires consultation with the USFS regarding measures needed to ensure protection and development of the natural resource values of the Project area. Annual reports are due by July 15 each year.	FERC Order issued November 22, 2005: Consolidated the annual consultation meetings with FS and the annual spring meetings with FS and the California Department of Fish and Game for the Lee Vining, Rush Creek, Lundy, and Bishop Creek Projects into a single meeting to be held annually by May 15 to fulfill the requirements of the Section

Requirement Type	Requirement	Amendment History
		4(e) conditions and license articles 104 and 105. Annual reports will be due no later than July 15 each year.
Article 105: Maintain Minimum Flows and Summer Operations and Maintenance Plan	Establishes minimum flows (Error! Reference source not found.) and requires annual meeting with USFS and California Department of Fish and Wildlife (CDFW) to develop summer operations and maintenance plan, water management of reservoirs, and flushing flows.	
Article 105, cont.: Temporary Modification of Minimum Flows	Provides for temporary modification of minimum flows, if required by operating emergencies beyond the control of the licensee; or for short periods upon written consent of the USFS.	
Article 105, cont.: Riparian and Aquatic Monitoring Plan	<p>Required implementation of 1993 plan as described by USFS revised conditions. By order dated 1/16/2014 the plan was revised to reflect USFS's 5/31/2013 letter regarding abiotic, vegetation, and aquatic monitoring at the Bishop Creek Project.</p> <p>Monitoring and ongoing reporting is required for term of license. The purpose of the monitoring is to determine if goals and objectives of the minimum flow requirements on riparian dependent species have been met. As needed licensee will propose changes in flows to meet the objectives. Annual reports of stream-flows are filed with the Inyo National Forest.</p>	Amended January 16, 2014: Revises the plan: The revised plan discontinues monitoring at three sites on Bishop Creek which have been subject to vandalism and disturbance. The revised plan also reduces monitoring parameters on lower Birch Creek to those most meaningful for evaluating current conditions. Finally, the revised plan discontinues aquatic monitoring and fish sampling at McGee Creek, reach 4 of Bishop Creek, and sites 3 and 5 on Bishop Creek.

Requirement Type	Requirement	Amendment History
Article 106: Installation of Stream Gage Device	Provides for installation of stream gages downstream of the point of release of all bypass flows and below South Lake Dam and Lake Sabrina Dam.	<p>Amended on October 6, 1999: Annual reports to be filed by April 1 for the preceding year instead of December 31 for the same year.</p> <p>Amended on November 20, 1998: Install an orifice type flow release device at the McGee Creek diversion instead of a continuously-recording stream gauge.</p>
Article 107: Recreation Resource Protection and Mitigation-Recreation Resource Protection and Mitigation Access Trails Operation and Maintenance Costs	Required licensee to provide funding for trail construction and facilities construction. As well required annual funding to USFS to pay for USFS operations and maintenance expenses.	Amended on November 20, 1998: Established an alternative funding arrangement, requiring the licensee to reimburse the Inyo National Forest for one-half of its annual costs to operate and maintain day-use recreation facilities at the South Lake and Sabrina reservoirs.
Article 108: Recreation Resource Protection and Mitigation Erosion, stream sedimentation, dust, and soil mass movement control plan	Before starting land disturbing activities on USFS lands, submit a plan to FERC; plan approved by the USFS for the control of erosion, stream sedimentation, dust, and soil mass movement.	
Article 109: Solid Waste and Waste Water Disposal Plan	Before starting land disturbing activities on USFS lands, submit a plan to FERC; plan approved by the USFS for the treatment and disposal of solid waste and waste water generated during construction and operation of the Project.	
Article 110: Hazardous Substances Plan Updates	Before starting land disturbing activities on USFS lands, submit a plan to FERC; plan approved by the USFS for oil and	

Requirement Type	Requirement	Amendment History
	hazardous substances storage and spill prevention and cleanup.	
Article 111: Spoil Disposal Plan	Before starting land disturbing activities on USFS lands, submit a plan to FERC; plan approved by the USFS for the storage and/or disposal of excess construction/tunnel spoils and slide material.	
Article 112: Visual plan	Before starting land disturbing activities on USFS lands, submit a plan to FERC; plan approved by the FS for the design and construction of the Project facilities to preserve or enhance its visual character.	
Article 113: Threatened, Endangered, and Sensitive Species Management Plan	Before starting land disturbing activities on USFS lands, submit a plan to FERC; plan approved by the USFS for the mitigation of impacts to sensitive, threatened, and endangered plant and animal species located within the area to be disturbed.	
Article 114: Minimum Flow Requirement	A minimum flow of 18 cfs (or the natural flow, whichever is less) must be maintained in Bishop Creek on the Bureau of Land Management lands in stream reach 2 (below powerhouse No.4).	FERC Order issued February 1, 1995: This article was removed from the license due to a conflict with the Energy Policy Act of 1992 and the Federal Land Policy and Management Act.
Article 115: Right-of-Way Grant	Within six months of issuance of the license, the licensee will obtain a right-of-way grant from the Bureau of Land Management (BLM) for the penstock, transmission lines, and other facilities on BLM land, as required by Sections 501 and	

Requirement Type	Requirement	Amendment History
	511 of the Federal Land Policy and Management Act of 1976 (PL 94-579).	
Article 116: Authorization to Remove Mineral Materials	Prior to removal of any mineral materials from the Bureau of Land Management (BLM) land, the licensee shall obtain authorization from the BLM.	
Article 117: FS Conditions Pertain to BLM Conditions	The Forest Service (FS) 4(e) conditions, articles 101 through 113, shall also pertain to Bureau of Land Management (BLM) lands unless those conditions conflict with BLM conditions, articles 114 through 117.	
Article 201: Annual Charges	Requirement to pay the United States annual charges as determined by the Commission.	<p>Amended September 19, 1995 to reflect changes in the Project's installed capacity.</p> <p>Amended March 18, 1996 to reflect changes in the Project's installed capacity.</p> <p>Amended May 19, 1999 to reflect changes in the Project's installed capacity.</p> <p>Amended February 28, 2002: Revisions that incorporate the removal of transmission lines will be made when the time arises. In the interim, the amendment corrects the acreage of federal lands occupied by the project based on SCE's revised survey information, the addition of 1.17 acres</p>

Requirement Type	Requirement	Amendment History
		<p>for the gauging stations and access roads, the removal of 33.18 acres because company housing has been demolished, and the removal of 1.07 acres associated with the Horse Creek Diversion.</p> <p>FERC order issued April 2, 2010: Set effective date for deletion of the transmission lines as December 5, 2001 and March 12, 2007; approved revised exhibit G drawings; and revised annual charges accordingly.</p>
Article 202: Reasonable Rate of Return	A specified reasonable rate of return upon the net investment in the project shall be used for determining surplus earnings of the project for the establishment and maintenance of amortization reserves.	
Article 203: Decommissioning of the Project	The Commission reserves authority, in the context of a rulemaking proceeding or a proceeding specific to this license, to require the licensee at any time to conduct studies, make financial provisions, or otherwise make reasonable provisions for decommissioning of the project.	
Article 204: Authority to Grant Permission for Use and Occupancy	Grants the licensee authority to grant permission for certain types of use and occupancy of project lands and waters and to convey certain interests in project lands and waters for certain types of use and	

Requirement Type	Requirement	Amendment History
	occupancy, without prior Commission approval.	
Article 401: Minimum Flow Modifications	The minimum flows required by articles 105 and 114 may be modified for short periods upon mutual agreement among the licensee, the U.S. Forest Service, the Bureau of Land Management, and the California Department of Fish and Game.	
Article 402: Approval to Modify Minimum Flows	The licensee shall obtain Commission approval before modifying any of the project's minimum flows to meet the requirements of articles 105 and 114 for achieving the vegetation potentials within the riparian zones affected by the project.	
Article 403: Streamflow Gaging Plan	Required a plan to install, operate, and maintain streamflow gages necessary to monitor the minimum flow releases required in articles 105 and 114.	Amended on November 18, 2016: installation of new release pipe and a continuously recording acoustic velocity meter (AVM) immediately downstream of the Intake 5 diversion dam. The new AVM to be used in lieu of the previously installed fluid gage and A-35 water level recorder, located approximately 300 feet downstream of the dam.
Article 404: Monitoring Plan for Turbine-Induced Injury and Mortality to Fish Resources	Requires the licensee to file with the Commission, within 6 months from license issuance, a monitoring plan to evaluate turbine-induced injury and mortality to fish resources and their impact on fish abundance in Bishop Creek. The plan shall be developed in consultation with the FS,	

Requirement Type	Requirement	Amendment History
	<p>BLM, and California Department of Fish and Game. The licensee shall allow at least 30 days for the agencies to comment and make recommendations prior to filing the plan. If applicable, the filing must include the licensee's reasons for not adopting an agency recommendation. Also requires stocking of fish in consultation with CDFW.</p>	<p>FERC order issued May 19, 1999 modifying and approving final entrainment report:</p> <p>In January, , 2000: The agreement was updated to allow the licensee may stock 2,500 brown trout once every 5 years instead of 500 annually.</p>
Article 405: Riparian monitoring Plan	<p>Requires the filing of annual riparian vegetation monitoring reports required by article 105.</p>	<p>Amended on January 16, 2014 to require the licensee to implement the revised riparian and aquatic monitoring plan attached to Article 405 in the FS's May 21, 2013 letter regarding abiotic, vegetation, and aquatic monitoring at the Project.</p>

Requirement Type	Requirement	Amendment History
Article 406: Raptor Protection Plan	Requires a report outlining the modifications made to the Project transmission line to protect raptors.	
Article 407: Transmission Line Construction	The licensee shall design and construct the relocated segment of the project transmission line in accordance with guidelines set forth in "Suggested Practices for Raptor Protection on Power Lines--the State of the Art in 1981," by Raptor Research Foundation, Inc. The licensee shall consult with the U.S. Fish and Wildlife Service, the California Department of Fish and Game, and the Forest Service in adopting these guidelines, and shall develop and implement a design that will provide adequate separation of energized conductors, groundwires, and other metal hardware, adequate insulation, and any other measures necessary to protect raptors from electrocution hazards. Within 90 days after completion of construction, the licensee shall file as-built drawings of the relocated segment of the transmission line with the Commission.	FERC Order on Rehearing issued February 1, 1995: Removed this article from the license.
Article 408:	Within 6 months after the Forest Service completes construction of the recreational facilities mentioned in article 107, the licensee shall file with the Commission drawings, showing the type and location of the completed facilities. At the same time,	FERC Order on Rehearing issued February 1, 1995: Removed this article from the license.

Requirement Type	Requirement	Amendment History
	the licensee shall provide copies of the filing to the California Department of Parks and Recreation and the California Department of Fish and Game.	
Article 409: Erosion, Stream Sedimentation, Dust, and Soil Mass Movement Control Plan	Requirement to file, at least 60 days prior to the start of construction of recreational facilities, the plan to control erosion, stream sedimentation, dust, and soil mass movement required by article 108.	FERC Order on Rehearing issued February 1, 1995: Removed this article from the license.
Article 410: Cultural Resources Management Plan	Requires implementation of the cultural resources management plan, filed with FERC on April 3, 1989, to avoid and mitigate impacts of the Project on nine archeological sites and the Bishop Creek Hydroelectric System (BCHS) Historic District (District) determined eligible for inclusion in the National Register of Historic Places. The Article also mandates periodic monitoring be undertaken of each National Register of Historic Places (NRHP) eligible site, as well as one site-specific measure.	Memorandum of Agreement approved April 12, 1995: Amends Cultural Resources Management Plan
411: Cultural Resources Survey	Requirement to conduct a cultural resources survey where recreation facilities will be located prior to their construction. The survey shall be based on the recommendations of the California State Historic Preservation Officer (SHPO) and the Forest Service, Inyo National Forest (FS). The survey shall be documented in a report and include a cultural resources	FERC Order on Rehearing issued February 1, 1995: Removed this article from the license.

Requirement Type	Requirement	Amendment History
	management plan to avoid or mitigate any impacts to archeological or historic sites identified during the survey as eligible for inclusion in the National Register of Historic Places.	
Article 412: Cultural Resources Management Plan	Before starting any land-clearing or land-disturbing activities within the Project boundaries, other than those specifically authorized in this license, licensee must consult with the California State Historic Preservation Officer (SHPO), USFS, and Inyo National Forest, conduct a cultural resources survey of these areas, and shall file for FERC approval of cultural resources management plan to avoid or mitigate impacts to any significant archeological or historic sites identified during the survey.	
Article 501: Reimbursement of Owner of Headwater Improvement	Requirement for the licensee to reimburse the owner of headwater improvement for benefits to the licensee's project.	
Additional Exhibit Updates		Amended on February 28, 2002: Incorporates revised exhibits A, F, and G, which incorporate transmission line changes and the removal of the diversion at Horse Creek, into the license.

APPENDIX C
PRECIPITATION TABLES

MAY 2019

MONTHLY ACCUMULATED PRECIPITATION AT INTAKE NO. 2, BISHOP, CALIFORNIA

Water Year (a)	Precipitation (inches)												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1925-26	0.46	0.46	0.50	0.96	2.36	0.86	2.92	0.00	1.35	1.06	1.27	0.00	12.20
1926-27	0.86	6.06	1.48	0.54	3.33	0.63	0.52	0.10	1.38	0.48	0.04	0.35	15.77
1927-28	0.96	2.13	0.96	0.67	0.33	0.42	0.19	2.63	0.00	0.00	0.10	0.00	8.39
1928-29	0.00	0.58	0.92	1.15	0.23	0.98	0.19	0.42	0.42	0.00	0.81	0.35	6.05
1929-30	0.00	0.00	0.25	1.10	1.83	1.12	0.87	1.17	0.48	0.00	1.12	0.19	8.13
1930-31	0.54	0.19	0.00	1.35	0.40	0.35	1.50	0.31	0.83	1.25	2.21	0.54	9.47
1931-32	1.02	1.77	4.31	0.94	5.25	0.15	0.13	0.12	0.92	0.00	0.00	1.08	15.69
1932-33	0.10	0.00	0.37	3.85	0.38	0.29	0.00	0.15	2.13	0.27	0.23	0.00	7.77
1933-34	0.25	0.27	2.65	2.17	0.48	0.37	0.00	0.00	0.90	0.35	0.83	0.00	8.27
1934-35	0.65	0.75	0.60	2.65	1.12	0.85	2.54	0.00	0.00	0.31	0.31	0.04	9.82
1935-36	0.54	0.35	2.54	0.46	5.85	0.06	0.38	0.06	0.25	1.19	0.52	0.04	12.24
1936-37	2.98	0.00	4.15	1.83	3.94	1.06	0.21	0.00	0.00	0.10	0.08	0.12	14.47
1937-38	0.00	0.10	6.25	0.58	4.65	6.13	0.62	1.46	3.50	0.52	0.62	0.33	24.76
1938-39	1.29	0.12	0.81	1.60	0.33	1.73	0.29	0.04	0.00	0.79	0.46	0.00	7.46
1939-40	0.35	0.00	0.04	2.73	3.46	1.54	0.67	0.04	0.21	0.00	0.00	0.00	9.04
1940-41	0.79	0.13	5.79	1.86	3.35	1.58	2.69	0.15	0.19	0.15	1.10	0.38	18.16
1941-42	2.29	0.31	5.08	1.63	0.56	0.83	0.88	0.00	0.00	0.00	0.13	0.38	12.09
1942-43	0.04	0.21	1.15	5.71	0.12	1.15	1.73	0.27	0.77	0.00	0.00	0.00	11.15
1943-44	0.00	0.10	2.48	1.21	4.52	0.79	0.33	0.23	0.12	0.00	0.00	0.00	9.78
1944-45	0.23	1.58	0.79	0.13	6.79	1.61	0.46	1.01	0.25	0.56	0.67	0.25	14.33
1945-46	4.08	0.37	4.02	0.12	0.48	1.81	0.25	0.29	0.00	1.88	0.71	0.06	14.07
1946-47	1.52	4.83	1.04	0.15	0.12	0.50	0.83	0.00	0.08	0.00	0.00	0.04	9.11
1947-48	0.35	0.40	0.50	0.04	0.88	1.33	0.94	0.04	0.44	0.00	0.00	0.00	4.92
1948-49	0.12	0.00	1.73	1.99	1.41	2.05	0.29	0.79	0.04	0.55	0.91	0.06	9.94
1949-50	0.41	1.62	0.96	1.20	0.89	1.35	0.65	0.08	0.00	1.10	0.00	1.15	9.41
1950-51	0.61	4.51	2.26	0.73	0.15	0.19	0.75	0.60	0.30	1.55	0.15	0.00	11.80
1951-52	0.99	1.36	3.27	4.35	0.12	4.98	0.69	0.22	0.00	1.27	0.00	0.28	17.53
1952-53	0.00	1.10	1.91	0.25	0.60	0.68	1.11	1.42	0.08	1.10	0.09	0.00	8.34
1953-54	0.25	0.30	0.20	2.49	1.70	2.15	0.12	0.04	0.00	0.34	0.00	0.00	7.59
1954-55	0.00	2.16	1.06	2.32	0.85	0.46	1.13	1.57	0.07	0.26	1.39	0.15	11.42
1955-56	0.00	0.52	10.76	2.36	0.00	0.00	0.72	1.10	0.00	1.40	0.00	0.10	16.96
1956-57	0.65	0.00	0.18	1.66	1.58	0.10	1.70	1.64	0.00	0.07	0.00	0.06	7.64
1957-58	0.96	1.54	1.96	1.14	2.70	3.71	2.82	0.24	0.16	0.00	1.20	0.42	16.85
1958-59	0.06	0.86	0.38	1.36	4.34	0.16	0.20	0.34	0.00	0.14	0.07	1.40	9.31
1959-60	0.08	0.00	0.30	1.14	1.22	0.33	0.08	0.07	0.00	0.41	0.00	0.22	3.85
1960-61	0.94	3.82	0.90	0.34	0.10	0.21	0.12	0.20	0.12	0.43	1.10	0.00	8.28
1961-62	0.60	1.70	1.25	1.28	4.58	0.42	0.00	0.70	0.25	0.28	0.00	0.90	11.96
1962-63	0.05	0.08	0.00	8.65	2.30	2.85	2.35	1.20	3.25	0.00	0.80	0.78	22.31
1963-64	0.81	1.10	0.20	1.00	0.30	0.65	0.70	1.00	0.10	0.10	0.70	0.00	6.66
1964-65	0.20	1.05	2.45	2.07	0.24	0.24	1.30	0.15	0.22	1.00	1.14	0.00	10.06
1965-66	0.00	3.28	2.66	0.44	0.22	0.10	0.16	0.22	0.10	0.00	0.00	0.56	7.74
1966-67	0.00	1.30	8.70	3.88	0.16	3.06	1.16	0.58	0.16	0.20	1.06	1.16	21.42
1967-68	0.02	1.42	1.54	0.32	0.28	0.36	0.16	0.06	0.12	0.75	0.29	0.00	5.32
1968-69	0.72	0.60	1.46	10.42	5.38	0.40	0.18	0.98	0.48	0.24	0.08	0.04	20.98
1969-70	0.38	0.04	0.54	2.98	0.42	0.24	0.20	0.00	0.06	0.76	0.52	0.00	6.14
1970-71	0.09	2.68	1.54	0.52	0.20	0.30	0.22	0.68	0.00	0.82	0.06	0.04	7.15
1971-72	0.72	0.92	4.06	0.04	0.02	0.00	0.18	0.20	0.84	0.00	0.14	1.40	8.52
1972-73	1.22	1.82	0.42	3.80	2.94	2.20	0.32	0.54	0.16	0.00	0.50	0.00	13.92

Water Year (a)	Precipitation (inches)												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1973-74	0.16	2.66	2.08	2.86	0.02	1.70	0.32	0.46	0.00	0.80	0.40	0.00	11.46
1974-75	0.78	0.28	2.45	0.32	1.48	2.96	1.62	0.28	0.46	0.10	0.00	1.00	11.73
1975-76	0.68	0.06	0.06	0.06	1.66	0.20	1.14	1.58	0.40	1.42	0.12	2.38	9.76
1976-77	0.12	0.16	0.04	1.08	0.80	0.87	0.18	1.44	1.12	0.10	1.04	0.14	7.09
1977-78	0.54	0.64	5.10	2.78	4.70	2.34	2.08	0.22	0.00	0.30	0.34	1.76	20.80
1978-79	0.24	1.74	1.24	2.78	2.34	1.52	0.18	0.04	0.00	0.16	0.58	0.61	11.43
1979-80	1.00	0.54	2.46	4.72	5.54	2.35	0.83	1.42	0.04	0.06	0.00	0.22	19.18
1980-81	0.14	0.62	1.02	2.60	0.50	3.36	0.98	1.20	0.00	0.00	0.18	0.38	10.98
1981-82	1.26	4.50	0.64	3.24	0.80	3.28	3.96	0.66	1.66	0.74	1.50	2.22	24.46
1982-83	2.64	1.98	2.30	3.58	3.78	3.22	0.88	0.10	0.42	0.00	3.70	0.92	23.52
1983-84	0.16	3.28	3.46	0.03	1.02	0.48	0.42	0.02	0.54	1.24	1.74	0.26	12.65
1984-85	0.64	6.46	1.48	0.70	0.62	1.08	0.12	0.00	0.82	1.28	0.00	0.96	14.16
1985-86	0.78	2.62	2.14	1.34	6.26	2.38	0.90	0.02	0.02	0.46	0.30	0.34	17.56
1986-87	0.16	0.02	0.64	1.02	1.22	0.64	0.56	1.60	0.26	0.10	0.56	0.00	6.78
1987-88	0.46	1.36	0.76	2.46	0.22	0.56	1.66	0.36	0.74	0.40	0.28	1.34	10.60
1988-89	0.00	0.76	2.62	0.62	1.04	0.76	0.10	1.00	0.38	0.50	0.34	1.46	9.58
1989-90	0.08	0.22	0.18	2.55	0.93	0.44	1.26	0.62	0.18	1.04	0.14	1.12	8.76
1990-91	0.07	0.06	0.04	0.46	0.74	8.22	0.04	0.36	0.14	0.00	0.59	0.24	10.96
1991-92	0.81	0.56	1.56	0.26	3.05	2.07	0.26	0.20	0.26	0.20	0.82	0.19	10.24
1992-93	0.97	0.00	3.36	5.04	1.58	0.68	0.34	0.03	0.08	0.00	0.00	0.00	12.08
1993-94	0.12	1.08	0.51	0.18	2.13	1.95	0.37	1.76	0.00	0.00	0.00	2.47	10.57
1994-95	0.99	1.17	0.75	5.11	0.60	6.60	0.90	2.12	1.22	0.15	0.00	0.00	19.61
1995-96	0.00	0.00	3.02	1.81	4.91	1.80	1.97	0.92	0.17	0.72	0.39	0.10	15.81
1996-97	2.09	3.05	2.98	5.65	0.18	0.00	0.23	0.41	1.03	0.75	0.19	0.42	16.98
1997-98	0.26	2.12	1.79	1.23	7.55	1.46	0.57	0.51	1.59	0.78	0.10	1.25	19.21
1998-99	0.29	0.56	0.40	2.92	1.06	0.21	1.40	0.61	0.00	0.41	0.40	0.29	8.55
1999-2000	0.17	0.30	0.04	2.82	2.91	0.70	0.91	0.15	0.15	0.00	0.62	0.07	8.84
2000-01	0.77	0.00	0.00	4.67	4.69	3.01	1.15	0.22	0.22	1.00	0.30	0.99	17.02
2001-02	0.42	1.77	1.63	0.69	0.20	0.70	0.25	0.05	0.04	0.07	0.13	0.35	6.30
2002-03	0.17	4.35	2.05	0.20	1.86	1.18	0.91	0.58	0.00	1.38	0.29	0.13	13.10
2003-04	0.27	1.34	0.53	0.76	3.28	1.37	0.47	0.40	0.23	0.31	0.59	0.03	9.58
2004-05	m (b)	m	m	m	m	m	m	m	m	m	m	m	m
2005-06	m	m	m	m	m	m	m	m	m	m	m	m	m
2006-07	m	m	m	m	m	m	m	m	m	m	m	m	m
2007-08	m	m	m	m	m	m	m	m	m	m	m	m	m
2008-09	0.67 (c)	0.36	0.80	0.68	1.04	0.76	0.19	4.23	0.08	0.00	0.32	0.48	9.61
2009-10	2.92	0.67	1.26	5.12	2.05	0.47	1.02	0.24	0.00	0.51	0.00	0.00	14.26
2010-11	1.70	0.95	6.53	1.02	1.03	2.35	0.20	0.28	0.00	1.22	0.00	0.28	15.56
2011-12	1.46	0.87	0.00	2.04	0.44	0.47	0.36	0.00	0.19	0.64	1.46	0.04	7.97
2012-13	0.48	0.68	1.70	0.20	0.04	0.00	0.12	0.24	0.00	1.60	0.40	0.16	5.62
2013-14	0.88	1.32	0.28	0.48	1.76	0.40	0.08	0.88	0.00	0.24	0.64	0.32	7.28
2014-15	0.00	0.16	1.16	0.12	1.68	0.28	0.04	1.92	0.60	1.52	0.16	0.08	7.72
2015-16	1.88	0.08	0.36	2.50	0.12	0.68	0.96	0.96	1.24	0.04	0.88	0.00	9.70
2016-17	1.32	0.00	1.44	8.84	4.60	0.44	2.72	0.84	0.04	0.24	1.20	0.28	21.96
2017-18	0.00	1.56	0.00	0.40	0.52	3.46	1.04	1.24					8.22
89-Year Mean	0.65	1.18	1.78	1.98	1.85	1.36	0.79	0.60	0.40	0.48	0.48	0.41	11.97 (d)

Water Year (a)	Precipitation (inches)												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Recent 30 Year Mean (e)	0.70	1.21	1.45	2.05	1.96	1.40	0.68	0.72	0.34	0.56	0.43	0.46	11.95
Notes: a - October 1 to September 30 b - m denotes "missing record." c - Values are estimated. d - Excludes 2017-18 value. e - The most recent 30-year period excluding 2017-2018 for June through September and Total values.													

Source: SCE 2018a.

MONTHLY ACCUMULATED PRECIPITATION AT LAKE SABRINA, BISHOP, CA

Water Year (a)	Precipitation (inches)												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1924-25	0.44	1.73	2.03	0.54	2.09	0.89	1.50	0.17	0.68	1.88	2.68	0.21	14.84
1925-26	0.53	0.59	0.50	1.84	2.90	0.55	2.82	0.36	1.57	1.18	0.68	0.00	13.52
1926-27	0.14	8.33	2.26	1.36	6.14	1.72	1.79	0.41	1.60	0.50	0.09	1.28	25.62
1927-28	1.64	3.77	1.86	0.78	1.22	1.37	0.67	3.82	0.10	0.04	0.21	0.00	15.48
1928-29	0.32	1.08	1.84	1.44	0.84	2.28	1.02	0.79	1.19	0.40	0.68	0.40	12.28
1929-30	0.02	0.00	0.48	2.18	2.33	1.91	1.29	2.16	0.32	0.20	1.08	0.24	12.21
1930-31	1.00	0.76	0.00	1.85	0.77	0.67	1.63	0.58	0.76	1.48	2.86	0.77	13.13
1931-32	1.31	2.30	7.56	1.85	7.06	0.42	0.33	0.62	0.95	0.00	0.14	1.24	23.78
1932-33	0.17	0.06	1.07	5.41	0.45	1.21	0.28	1.20	0.29	0.92	0.53	0.00	11.59
1933-34	1.13	0.83	3.69	2.69	1.50	0.50	0.06	0.27	1.03	0.88	0.96	0.36	13.90
1934-35	0.85	1.02	1.03	4.12	1.34	2.02	4.58	0.17	0.00	0.38	0.96	0.21	16.68
1935-36	0.81	0.96	3.21	1.15	10.27	0.93	0.88	0.01	0.41	1.60	1.19	0.08	21.50
1936-37	3.46	0.00	5.69	2.38	5.69	2.26	0.62	0.11	0.00	0.40	0.28	0.31	21.20
1937-38	0.13	0.30	8.98	1.69	8.49	7.79	1.08	1.63	2.89	0.52	1.37	1.32	36.19
1938-39	1.50	0.19	1.31	4.12	0.86	2.42	0.91	0.63	0.00	0.64	0.85	0.70	14.13
1939-40	0.75	0.00	0.08	4.33	7.24	2.23	0.60	0.05	0.40	0.00	0.00	0.03	15.71
1940-41	0.97	0.09	7.20	2.82	4.86	2.03	3.49	0.14	0.19	0.42	1.14	0.17	23.52
1941-42	2.54	0.56	6.95	3.25	1.40	1.46	1.53	0.32	0.00	0.02	0.42	0.51	18.96
1942-43	0.07	0.39	1.45	8.19	0.48	2.55	2.32	0.30	0.76	0.20	0.03	0.05	16.79
1943-44	0.05	0.41	2.90	2.22	5.99	1.77	1.51	0.36	0.06	0.00	0.00	0.03	15.30
1944-45	0.35	2.59	1.34	0.26	9.01	2.87	0.87	0.90	0.24	0.36	0.25	0.31	19.35
1945-46	6.55	0.79	5.55	0.69	1.07	3.69	0.32	0.69	0.00	1.70	0.69	0.33	22.07
1946-47	2.24	6.26	2.42	0.51	0.74	1.43	1.81	0.20	0.24	0.00	0.02	0.35	16.22
1947-48	0.67	0.57	0.82	0.17	1.56	2.71	2.80	0.04	0.74	0.00	0.00	0.00	10.08
1948-49	0.46	0.00	2.52	2.54	2.27	4.02	0.37	1.94	0.18	0.80	1.43	0.10	16.63
1949-50	0.60	2.31	1.81	2.88	1.44	2.56	1.23	0.34	0.04	1.04	0.06	1.05	15.36
1950-51	1.42	4.68	3.76	0.92	0.53	0.13	1.60	1.07	0.43	0.57	0.69	0.10	15.90
1951-52	1.12	2.44	6.31	6.15	0.26	5.36	2.30	0.27	0.15	1.31	0.00	0.96	26.63
1952-53	0.00	1.38	3.88	1.08	0.86	1.02	1.65	1.82	0.14	1.74	0.30	0.00	13.87
1953-54	0.48	0.92	0.58	4.23	3.42	3.54	0.38	0.10	0.25	0.53	0.00	0.19	14.62
1954-55	0.00	2.86	1.54	3.67	1.62	0.88	2.21	2.14	0.10	0.23	2.06	0.28	17.59
1955-56	0.00	1.21	13.03	2.74	0.35	0.00	1.40	1.05	0.00	3.10	0.00	0.30	23.18
1956-57	1.38	0.00	0.32	2.57	2.22	0.60	2.08	2.84	0.03	0.00	0.00	0.30	12.34
1957-58	1.00	2.00	2.88	1.76	3.38	4.20	3.28	0.00	0.00	0.02	0.96	0.38	19.86
1958-59	0.12	1.30	0.52	1.56	4.96	0.16	0.50	0.52	0.02	0.50	0.04	2.19	12.39
1959-60	0.20	0.00	0.40	1.82	2.30	0.76	0.30	0.22	0.00	0.28	0.25	0.42	6.95
1960-61	1.20	4.00	1.15	0.50	0.30	0.93	0.65	0.75	0.00	1.65	1.84	0.20	13.17
1961-62	1.11	1.75	1.23	1.62	7.78	1.60	0.00	1.10	0.60	0.42	0.00	1.40	18.61
1962-63	0.40	0.18	0.05	7.50	1.80	3.33	2.50	1.20	2.88	0.00	0.64	0.95	21.43
1963-64	1.18	1.55	0.25	1.35	0.35	1.65	1.60	1.55	0.28	0.15	0.75	0.00	10.66
1964-65	0.30	1.90	4.15	2.90	0.43	0.88	2.24	0.82	0.82	0.60	1.98	0.10	17.12
1965-66	0.04	4.14	2.28	0.42	0.32	0.46	0.46	0.12	0.30	0.20	0.50	0.32	9.56
1966-67	0.04	2.38	2.68	3.30	0.46	3.48	2.66	0.66	0.26	0.66	0.40	1.98	18.96
1967-68	0.06	1.58	2.00	0.66	0.64	0.88	0.66	0.38	0.42	2.02	0.36	0.00	9.66
1968-69	0.78	0.86	2.52	9.16	6.44	1.46	0.52	1.42	0.96	0.46	0.14	0.12	24.84
1969-70	0.54	0.20	0.94	3.60	1.14	0.76	0.30	0.00	0.14	1.04	0.30	0.00	8.96
1970-71	0.12	3.56	1.92	0.68	0.46	0.90	0.66	2.56	0.00	1.70	0.34	0.46	13.36

Water Year (a)	Precipitation (inches)												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1971-72	0.68	1.48	4.64	0.24	0.30	0.00	0.90	0.28	0.94	0.46	0.28	1.96	12.16
1972-73	1.18	1.86	0.78	3.28	3.66	2.22	0.58	1.04	0.16	0.11	0.72	0.02	15.61
1973-74	0.22	3.68	2.24	3.54	0.24	3.04	0.54	0.64	0.00	0.94	0.42	0.00	15.50
1974-75	1.08	0.48	2.65	0.58	2.08	4.06	2.18	0.58	0.40	0.20	0.06	1.00	15.35
1975-76	1.52	0.16	0.18	0.28	1.96	0.52	1.74	1.40	0.50	1.36	0.16	3.14	12.92
1976-77	0.30	0.30	0.08	1.42	0.84	1.25	0.20	1.66	1.24	0.24	0.84	0.18	8.55
1977-78	0.73	0.76	5.56	3.90	5.62	3.92	1.96	0.50	0.10	0.52	0.34	2.36	26.27
1978-79	0.06	1.72	1.84	3.68	2.80	2.38	0.36	0.20	0.00	0.16	1.12	0.42	14.74
1979-80	0.94	0.88	2.84	5.98	6.14	2.59	0.98	1.22	0.18	0.22	0.00	0.50	22.47
1980-81	0.22	0.90	1.38	2.70	0.68	4.28	0.68	0.04	0.22	0.00	0.14	0.76	12.00
1981-82	1.60	4.36	1.00	3.08	1.00	3.80	4.60	0.36	2.12	0.32	1.46	3.10	26.80
1982-83	2.78	2.70	3.48	4.28	3.70	4.26	0.88	0.14	0.64	0.00	2.12	1.20	26.18
1983-84	0.32	3.34	4.84	0.06	1.66	0.82	0.82	0.00	0.54	2.08	1.52	0.34	16.34
1984-85	0.80	7.28	1.78	0.68	0.84	1.70	0.08	0.12	0.98	1.94	0.00	1.30	17.50
1985-86	0.88	3.48	2.14	2.20	8.48	2.82	1.36	0.00	0.02	0.42	0.92	0.54	23.26
1986-87	0.42	0.08	0.64	1.64	1.26	1.40	0.68	1.64	0.26	0.06	0.12	0.00	8.20
1987-88	0.56	1.80	1.46	3.32	0.38	0.44	2.22	0.48	0.70	0.84	1.12	1.46	14.78
1988-89	0.00	1.10	3.24	0.28	1.26	1.58	0.16	1.44	0.00	0.80	0.26	2.24	12.36
1989-90	0.26	0.46	0.25	4.42	1.34	0.61	1.58	0.59	0.14	1.04	0.25	1.46	12.40
1990-91	0.15	0.16	0.20	0.55	0.74	9.04	0.20	0.64	0.12	0.18	0.36	1.00	13.34
1991-92	0.92	0.96	1.66	0.49	3.14	2.07	0.13	0.34	0.50	0.34	0.82	0.37	11.74
1992-93	1.03	0.00	4.91	5.26	5.41	1.31	0.31	0.19	0.32	0.00	0.20	0.00	18.94
1993-94	0.11	1.50	0.83	0.33	2.84	2.31	0.53	0.97	0.00	0.00	0.00	3.48	12.90
1994-95	1.33	1.27	0.84	6.83	0.75	7.63	0.94	1.48	1.02	0.27	0.08	0.00	22.44
1995-96	0.00	0.10	4.59	2.04	4.36	2.82	1.99	1.79	0.11	0.72	0.52	0.13	19.17
1996-97	2.23	2.51	3.95	6.08	0.59	0.07	0.44	0.39	1.57	0.69	0.19	0.68	19.39
1997-98	0.10	2.30	2.21	1.90	8.24	1.95	0.65	0.83	0.99	0.28	0.35	1.40	21.20
1998-99	0.22	1.09	0.60	3.11	2.12	0.36	1.45	0.68	0.00	0.60	0.34	0.12	10.69
1999-2000	0.27	0.38	0.10	3.59	3.39	0.86	1.47	0.37	0.50	0.00	1.02	0.13	12.08
2000-01	1.66	0.18	0.00	3.55	4.74	3.60	1.84	0.27	0.25	2.05	1.11	0.49	19.74
2001-02	0.94	1.77	2.60	0.68	0.27	1.15	0.59	0.35	0.08	0.08	0.08	0.48	9.07
2002-03	0.17	5.50	2.58	0.18	1.75	1.15	1.72	0.90	0.03	1.65	0.51	0.17	16.31
2003-04	0.23	2.10	0.56	1.41	3.15	1.48	0.70	0.43	0.39	0.41	0.95	0.10	11.91
2004-05	5.10	m (b)	m	m	m	m	m	m	m	m	m	m	m
2005-06	m	m	m	m	m	m	m	m	m	m	m	m	m
2006-07	m	m	m	m	m	m	m	m	m	m	m	m	m
2007-08	m	m	m	m	m	m	m	m	m	m	m	m	m
2008-09	0.84 (c)	0.43	0.00	0.40	2.13	0.70	0.36	0.20	1.73	0.31	0.16	0.67	7.93
2009-10	3.19	1.77	2.05	2.09	1.40	1.30	1.42	0.40	0.08	0.59	0.00	0.00	14.29
2010-11	1.87	1.50	7.16	0.04	1.74	3.60	0.48	0.11	0.22	0.31	0.00	0.79	17.82
2011-12	1.28	1.38	0.00	2.09	0.56	1.24	0.75	0.04	0.04	1.34	1.96	0.12	10.80
2012-13	0.68	1.00	2.30	0.60	0.24	0.28	0.24	0.44	0.04	2.04	0.76	0.12	8.74
2013-14	1.04	1.68	0.56	1.00	2.62	0.88	0.96	1.60	0.04	0.84	1.28	0.44	12.94
2014-15	0.00	0.16	1.88	0.16	1.96	0.48	0.32	2.68	0.44	1.72	0.16	0.00	9.96
2015-16	2.40	0.64	1.24	3.63	0.20	1.44	1.80	1.79	1.20	0.04	0.32	0.04	14.74
2016-17	2.28	0.00	1.72	10.82	5.18	0.60	2.94	1.56	0.12	0.04	1.00	0.48	26.74
2017-18	0.00	1.74	0.00	0.64	0.61	4.69	1.28	1.60					10.56

Water Year (a)	Precipitation (inches)												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
91-Year Mean	0.91	1.57	2.34	2.47	2.56	2.00	1.23	0.79	0.46	0.66	0.61	0.61	16.20 (d)
Recent 30 Year Mean (e)	0.84	1.54	1.84	2.26	2.37	1.95	0.98	0.78	0.41	0.72	0.55	0.62	14.92
Notes: a - October 1 to September 30 b - m denotes "missing record." c - Values are estimated. d - Excludes 2017-18 value. e - The most recent 30-year period excluding 2017-2018 for June through September and Total values.													

Source: SCE 2018a.

MONTHLY ACCUMULATED PRECIPITATION AT SOUTH LAKE, BISHOP, CA

Water Year (a)	Precipitation (inches)												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1924-25	0.70	1.40	2.69	0.77	2.69	0.96	2.22	0.28	0.50	2.01	2.56	0.12	16.90
1925-26	0.62	0.67	0.69	2.05	3.45	0.69	2.93	0.35	1.68	0.77	1.20	0.00	15.10
1926-27	2.10	6.08	2.03	1.10	6.70	1.66	3.37	0.52	1.42	0.69	0.14	1.48	27.29
1927-28	1.69	3.53	1.25	0.69	0.62	1.32	0.64	3.63	0.15	0.00	0.28	0.00	13.80
1928-29	0.57	0.85	1.50	1.01	1.18	2.19	1.42	0.56	1.27	0.53	0.99	0.54	12.61
1929-30	0.00	0.00	0.89	2.35	2.84	1.83	1.20	1.74	0.24	0.12	0.82	0.30	12.33
1930-31	0.47	1.21	0.00	2.20	0.52	0.68	1.71	0.58	0.74	0.78	2.56	0.65	12.10
1931-32	1.11	2.01	8.41	1.96	7.39	0.43	0.38	0.44	0.85	0.00	0.00	1.36	24.34
1932-33	0.22	0.11	1.59	5.79	0.35	1.59	0.43	1.51	0.54	2.20	0.71	0.00	15.04
1933-34	1.06	1.32	3.92	2.34	1.54	0.43	0.17	0.49	0.89	0.31	0.96	0.15	13.58
1934-35	0.85	1.48	1.00	3.75	1.23	2.08	5.11	0.37	0.00	1.17	1.19	0.63	18.86
1935-36	1.03	1.32	3.26	1.47	11.27	0.97	1.15	0.00	0.29	1.96	1.35	0.10	24.17
1936-37	2.66	0.00	5.95	2.63	5.31	1.98	0.62	0.24	0.00	0.49	0.72	0.33	20.93
1937-38	0.29	0.46	5.70	1.00	5.59	9.07	1.26	1.15	2.73	0.71	1.36	1.65	30.97
1938-39	1.03	0.23	0.59	3.05	1.48	2.16	1.16	0.22	0.00	1.00	1.39	0.85	13.16
1939-40	0.97	0.00	0.23	3.76	4.18	2.06	0.46	0.15	0.65	0.04	0.00	0.04	12.54
1940-41	0.92	0.12	6.46	3.00	4.27	2.13	4.18	0.31	0.24	0.14	1.24	0.31	23.32
1941-42	1.75	0.37	6.60	2.52	1.45	0.98	1.43	0.13	0.00	0.00	0.59	0.38	16.20
1942-43	0.05	0.72	1.87	6.82	0.41	2.21	2.90	0.30	0.69	0.00	0.04	0.11	16.12
1943-44	0.13	0.23	2.08	1.94	2.92	1.31	1.43	0.37	0.00	0.00	0.00	0.05	10.46
1944-45	0.32	2.57	1.67	0.26	9.23	5.36	1.22	1.24	0.77	1.40	1.30	0.50	25.84
1945-46	5.89	1.08	4.61	0.47	1.07	2.59	0.19	0.45	0.00	1.16	1.09	0.51	19.11
1946-47	1.87	5.48	2.45	0.58	1.42	2.02	1.63	0.23	0.20	0.00	0.14	0.74	16.76
1947-48	0.63	0.44	0.88	0.14	1.53	2.77	2.91	0.24	0.41	0.00	0.00	0.00	9.95
1948-49	0.44	0.00	2.19	2.40	1.97	3.17	0.38	2.39	0.35	0.40	1.53	0.15	15.37
1949-50	0.78	2.33	1.64	2.73	1.56	2.31	1.06	0.30	0.06	0.92	0.08	1.25	15.02
1950-51	1.48	5.15	2.89	1.09	0.32	0.20	1.71	0.88	0.31	0.75	0.28	0.00	15.06
1951-52	0.90	2.05	6.75	7.55	0.38	5.18	2.27	0.20	0.16	1.25	0.00	1.00	27.69
1952-53	0.00	1.27	3.12	1.31	0.44	1.27	1.56	1.65	0.26	0.87	0.43	0.14	12.32
1953-54	0.65	0.86	0.67	4.28	3.65	3.21	0.67	0.17	0.29	0.37	0.00	0.27	15.09
1954-55	0.00	2.61	1.61	3.29	1.73	0.56	1.85	1.76	0.12	0.32	1.83	0.23	15.91
1955-56	0.00	1.73	11.38	3.65	0.66	0.00	0.73	1.25	0.00	1.20	0.00	0.20	20.80
1956-57	1.58	0.00	0.72	2.37	3.50	0.65	2.30	1.55	0.10	0.13	0.00	0.00	12.90
1957-58	0.98	1.80	3.76	2.24	3.40	5.30	4.30	0.40	0.24	0.04	0.58	0.34	23.38
1958-59	0.24	1.22	0.72	2.16	5.68	0.26	0.58	0.54	0.04	0.94	0.34	2.12	14.84
1959-60	0.26	0.00	0.52	2.17	3.15	1.55	0.48	0.28	0.00	0.58	0.00	0.44	9.43
1960-61	1.30	4.30	0.80	0.47	0.50	1.63	1.05	0.95	0.12	0.32	2.22	0.20	13.86
1961-62	1.56	2.30	1.35	2.21	8.66	1.60	0.00	1.10	0.60	0.40	0.00	1.20	20.98
1962-63	0.50	0.15	0.08	9.00	2.30	3.50	3.70	1.81	3.05	0.00	0.60	1.00	25.69
1963-64	1.50	2.30	0.40	1.90	0.50	2.00	1.20	1.90	0.25	0.20	1.30	0.00	13.45
1964-65	0.40	2.58	5.00	3.60	0.55	1.16	2.04	1.58	0.66	0.90	2.24	0.18	20.89
1965-66	0.04	5.84	4.80	0.68	0.54	0.66	0.56	0.40	0.18	0.10	0.16	0.60	14.56
1966-67	0.02	3.08	8.38	6.28	0.46	5.44	2.10	0.96	0.44	0.66	0.88	2.10	30.80
1967-68	0.00	2.24	2.92	1.14	0.64	1.34	0.46	0.38	0.18	2.12	0.20	0.00	11.62
1968-69	0.78	1.26	4.37	17.88	8.06	0.80	0.80	1.40	1.00	0.98	0.36	0.08	37.77
1969-70	0.92	0.46	2.20	4.46	1.72	1.24	0.36	0.00	0.32	1.72	0.18	0.00	13.58
1970-71	0.24	4.60	3.60	1.18	0.48	0.76	0.68	1.86	0.00	1.44	0.74	0.70	16.28

Water Year (a)	Precipitation (inches)												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1971-72	0.52	1.50	5.28	0.46	0.30	0.00	1.53	0.32	1.60	0.76	0.44	2.14	14.85
1972-73	1.48	2.24	1.60	4.18	3.70	2.66	0.62	1.50	0.12	0.12	0.50	0.02	18.74
1973-74	0.40	4.40	2.72	4.34	0.58	3.98	0.70	1.16	0.00	0.42	0.08	0.00	18.78
1974-75	1.42	0.54	2.66	0.86	3.32	3.76	3.44	0.72	0.50	0.28	0.10	1.74	19.34
1975-76	1.38	0.14	0.12	0.18	2.12	0.79	1.58	1.74	0.76	2.00	0.16	3.46	14.43
1976-77	0.04	0.20	0.10	1.24	1.46	1.56	0.28	1.56	0.83	0.00	1.02	0.22	8.51
1977-78	0.60	0.76	6.82	3.78	5.60	4.38	2.48	0.28	0.08	0.54	0.26	3.06	28.64
1978-79	0.22	1.46	1.50	4.24	3.72	2.74	0.32	0.62	0.00	0.50	0.48	1.18	16.98
1979-80	1.30	1.02	2.86	7.30	7.98	3.32	1.54	1.24	0.00	0.10	0.00	0.46	27.12
1980-81	0.18	0.80	1.62	4.00	0.72	4.88	0.90	0.54	0.46	0.00	0.36	0.22	14.68
1981-82	2.28	5.04	2.04	3.62	1.36	5.12	3.28	0.50	1.96	0.72	2.16	4.40	32.48
1982-83	3.66	3.44	3.74	4.54	4.88	3.60	1.38	0.20	0.46	0.00	2.30	1.42	29.62
1983-84	0.28	5.06	4.82	0.08	2.66	1.52	0.98	0.12	0.90	1.52	1.44	0.80	20.18
1984-85	0.84	5.36	2.32	0.70	1.44	2.82	0.18	0.08	0.96	1.74	0.00	1.08	17.52
1985-86	0.96	4.22	2.50	3.04	12.14	3.66	1.00	0.32	0.00	0.34	2.06	0.86	31.10
1986-87	0.48	0.10	0.88	1.54	1.56	1.80	1.28	2.12	0.28	0.06	0.14	0.10	10.34
1987-88	0.82	1.58	2.12	4.48	0.34	0.54	1.68	0.54	0.96	0.24	0.70	1.06	15.06
1988-89	0.00	1.40	3.72	0.54	1.86	2.10	0.32	1.58	0.30	0.52	0.32	1.88	14.54
1989-90	0.32	0.50	0.24	4.28	2.33	0.74	1.83	0.64	0.20	0.98	0.48	1.92	14.46
1990-91	0.12	0.14	0.40	0.67	0.47	9.20	0.32	0.93	0.18	0.18	0.46	0.78	13.85
1991-92	1.21	1.32	1.61	0.48	4.51	2.74	0.29	0.55	0.86	0.62	0.71	0.39	15.29
1992-93	2.23	0.00	4.82	6.97	6.67	0.69	0.39	0.13	0.36	0.00	0.23	0.07	22.56
1993-94	0.17	2.42	1.26	0.49	3.37	2.27	0.67	1.20	0.00	0.00	0.00	3.25	15.10
1994-95	1.12	1.93	1.25	7.67	0.71	9.82	0.71	2.14	1.32	0.24	0.15	0.00	27.06
1995-96	0.00	0.00	3.42	3.38	8.39	2.80	3.40	1.67	0.31	0.98	0.11	0.12	24.58
1996-97	2.51	3.92	5.70	9.41	0.52	0.13	0.65	0.39	2.10	1.08	0.19	0.58	27.18
1997-98	0.18	2.26	2.51	2.09	8.33	3.19	0.88	0.62	0.78	0.29	0.05	1.15	22.33
1998-99	0.60	1.03	0.49	4.04	2.62	0.42	3.86	0.80	0.00	0.39	0.62	0.22	15.09
1999-00	0.18	0.71	0.08	4.18	4.18	0.40	1.15	0.26	0.20	0.00	1.54	0.08	12.96
2000-01	1.56	0.37	0.00	3.41	5.11	2.27	2.98	0.49	0.51	1.59	0.42	1.42	20.13
2001-02	1.08	2.82	3.40	1.60	0.46	1.54	1.06	0.62	0.42	0.25	0.15	0.50	13.90
2002-03	0.20	5.54	5.09	0.32	1.96	1.78	1.57	1.61	0.07	1.45	0.81	0.50	20.90
2003-04	0.31	2.55	0.73	0.73	3.40	m	0.83	0.06	0.01	0.00	m (b)	m	m
2004-05	2.02	m	m	m	m	m	m	m	m	m	m	m	m
2005-06	1.50	0.10	1.70	0.70	3.30	0.70	2.30	0.03	0.00	0.09	0.11	1.00	11.53
2006-07	0.90	0.40	3.10	6.90	3.10	0.20	0.00	1.20	0.00	1.00	0.00	0.70	17.50
2007-08	1.00	2.30	2.50	1.90	3.90	2.80	0.80	0.80	1.70	0.10	0.40	0.20	18.40
2008-09	0.83 (c)	0.36	1.85	0.90	4.53	2.66	0.40	0.50	1.60	0.10	0.20	0.10	14.03
2009-10	2.72	1.50	1.18	3.62	1.65	3.51	7.92	2.17	0.63	3.86	0.00	0.00	28.76
2010-11	1.97	1.34	9.27	3.01	0.47	5.87	1.10	1.10	0.08	1.46	0.00	0.80 (c)	26.47
2011-12	1.77	1.46	0.00	3.50	0.74	1.70	1.34	0.08	0.12	0.16	2.36	0.16	13.39
2012-13	0.88	1.50	3.14	1.00	0.40	0.16	0.44	0.68	0.08	1.56	0.60	0.44	10.88
2013-14	1.24	2.06	1.00	1.04	2.52	1.72	1.60	1.28	0.00	1.72	1.84	0.80	16.82
2014-15	0.04	0.08	2.36	0.16	2.72	0.72	0.64	2.72	0.64	2.60	0.28	0.00	0.04
2015-16	2.48	0.40	1.72	5.74	0.68	1.88	2.54	0.92	1.24	0.08	0.28	0.08	2.48
2016-17	3.28	0.12	2.32	17.32	8.06	1.24	4.08	1.52	0.00	0.00	0.64	0.52	3.28
2017-18	0.00	2.74	0.08	0.80	0.76	7.40	1.66	2.40					

Water Year (a)	Precipitation (inches)												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
91-Year Mean	0.97	1.71	2.63	3.02	2.91	2.29	1.50	0.88	0.51	0.68	0.66	0.69	18.52 (d)
Recent 30 Year Mean (e)	1.08	1.42	2.24	3.34	3.02	2.52	1.58	1.00	0.49	0.76	0.48	0.65	18.81
Notes: a - October 1 to September 30 b - m denotes "missing record." c - Values are estimated. d - Excludes 2017-18 value. e - The most recent 30-year period excluding 2017-2018 for June through September and Total values.													

Source: SCE 2018a.

SNOW SURVEY DATA OF THE BISHOP CREEK WATERSHED VICINITY

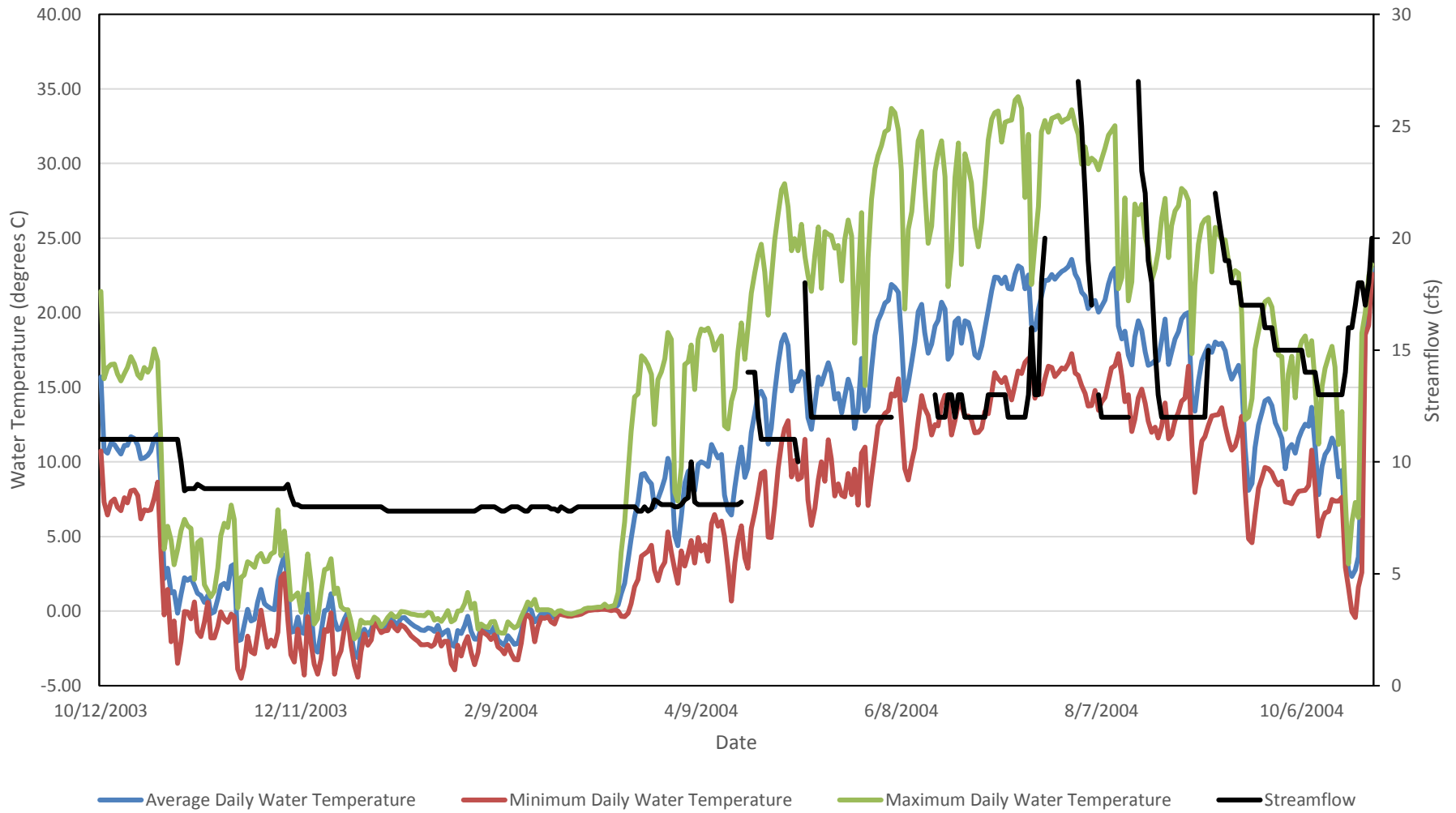
YEAR	Piute Pass No. 183 (El. 11,300 feet msl)						East Piute Pass No. 212 (El. 10,800 feet msl)						Sawmill No. 213 (El. 10,300 feet msl)						North Lake No. 214 (El. 9,300 feet msl)						Bishop Pass No. 222 (El. 11,200 feet msl)						Bishop Lake No. 284 (El. 11,300 feet msl)						Measured Annual Precipitation at Lake Sabrina (inches)(a)
	February		March		April		February		March		April		February		March		April		February		March		April		February		March		April								
	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)							
Average	21.4% (b)	65.4	30%	84	35%	91.3	9.4%	32.2	12%	40.4	14.3%	40.4	11.9	40.6	17.1	53.5	18.6	51.5	7.0%	25.8	9.9%	33.2	9.8%	26.8	20.3%	61.2	28.8%	78.6	32.7%	83.3	13.7%	42.3	20.4%	56.8	22.2%	67	16.20
1927																	142%	86.1																	25.62		
1928																	42%	29.6																		15.48	
1929																	69%	38.4																		12.28	
1930					61%	64.7					58%	23.5					62%	30			42%	14	50%	16.1				58%	53.2						12.21		
1931					28%	35.1					34%	16.9	31%	14.3	35%	20.5	20%	9.1	7%	2	34%	8.8	0%	0.0				24%	29.9						13.13		
1932					133%	108.4					184%	60.8	75%	51.7	183%	86.6	148%	72.9	135%	38.8	157%	47.4	154%	36.7				125%	94.5						23.78		
1933					52%	59.4					30%	12	100%	39.1	67%	35.1	71%	40.9	98%	25.2	64%	22.5	50%	14.8				72%	64.8						11.59		
1934					60%	53.1					45%	13	108%	36.7	91%	56.2	84%	40.4	101%	22.6	76%	28.2	0%	0.0				57%	44.5						13.90		
1935					69%	77.8					43%	21.4	73%	33.6	69%	37.1	74%	42.7	61%	14.7	61%	15.9	59%	20.3				61%	57						16.68		
1936																	110%	56.7					182%	35.6												21.50	
1937					127%	123.4					114%	52.9																152%	113.1							21.20	
1938					144%	126.3					192%	71.5					189%	94.4					201%	56.2				146%	126.2							36.19	
1939					59%	71.4					40%	21					62%	34.3					52%	14.7				73%	61.2							14.13	
1940					105%	114.4					59%	43					80%	53.7					89%	34.8				91%	90							15.71	
1941					128%	111.9					145%	54.5					129%	60					169%	43				133%	112							23.52	
1942					124%	104.5					98%	42					117%	56.7					110%	33.7				111%	91.1							18.96	
1943					115%	104					75%	33.3					109%	49.8					139%	35.1				98%	80.7							16.79	
1944					91%	81					73%	39					89%	47.2					119%	35.3				79%	67.4							15.30	
1945					116%	120.7					96%	54.8					137%	73.3					176%	52.9				114%	101.9							19.35	
1946					99%	90.2					52%	23.3					97%	59.8					49%	10.8				112%	98.9							22.07	
1947					82%	77.8					47%	21.3					72%	42.8					47%	16.2				67%	64.9							16.22	
1948					69%	81.4					51%	27					47%	37.1					34%	10.6				49%	54.5							10.08	
1949					65%	78.3					91%	31.9					83%	51.4					98%	34				85%	75.9							16.63	
1950					98%	94.2					54%	24					84%	47.4					62%	16.3				107%	89.2							15.36	
1951					107%	91.4					73%	58.4					67%	31.2					0%	0	135%	61.8		95%	75.7					92%	51.7	15.90	
1952											187%	61					184%	84.4					193%	43.2				163%	117.4					134%	74.9	26.63	
1953	115%	62.1			80%	74.8	35%	10.8			23%	10.8					61%	35.6					38%	11				74%	63.6				54%	34.4	13.87		
1954	53%	46.7			103%	105.8	40%	16			80%	44					117%	64.2	70%	20.1			118%	31.9			100%	93.8				103%	62.2	14.62			
1955	86%	57.4			74%	71.6	112%	33.3			61%	28.5					73%	39.8	94%	26.7			65%	24.2			76%	67.2				78%	46.6	17.59			
1956	259%	130.5			149%	111.7					147%	57.8					138%	59.9	177%	35.7			94%	21.6				106%	80.9				112%	61.5	23.18		
1957	44%	38.3	70%	65.9	71%	67	16%	8.3			44%	19.3					49%	28.2	47%	15			36%	11.1			65%	56.3				67%	41.4	12.34			
1958	89%	72.7	97%	89.5	119%	117.7	51%	22.8	59%	33.3	93%	48.5	103%	47.3			166%	97.2	108%	34.3	110%	40.2			98%	69.2			150%	137.4	110%	49.7	171%	102.3	19.86		
1959	40%	31.2	78%	71.6	66%	61.2	45%	13	45%	21	24%	10.2	31%	18.6			63%	30.9	31%	7.9			59%	14.3	46%	30.2	44%	36	36%	21.3	54%	34.6	12.39				
1960	33%	29.4	61%	57.1	63%	63.8	40%	14.9	40%	18.8	34%	15.1	35%	17			39%	21.8	43%	11.1	56%	20.2	37%	11.7	32%	27	64%	62.3	27%	13.4		61%	43.5	6.95			
1961	43%	38.3	45%	43.7	55%	56	56%	18.4	43%	19.8	35%	13.6	51%	25.3			34%	19.2	51%	14.2	44%	13.9	0%	0.0	40%	33.6	41%	39.4	26%	14.4		13%	7.1	13.17			
1962	64%	54	126%	108.8	126%	107.5	79%	32.1	157%	61.8	140%	51.6	77%	37			136%	66.2	85%	27.2	170%	55.8	176%	46	75%	52.3	137%	108	72%	37.1		135%	74.7	18.61			
1963			77%	61.1	100%	85.8				120%	43	150%	54.8			100%	38.1	123%	54.9			112%	25.4	139%	32.9		98%	75.1			92%	48.5	120%	61.7	21.43		
1964	60%	44.4			54%	70.3	46%	16.8			54%	30.9	53%	27.9			47%	36.6	54%	16.1	40%	20.2	47%	19	58%	39.6	58%	59.2	39%	19.4		38%	34.4	10.66			
1965	175%	94.9	133%	95.1	123%	112.6	169%	40.6	128%	42.9	121%	53.4	117%	45.6			111%	59.3	84%	20			78%	26.9	154%	86.5		112%	100	125%	46.8		108%	71.2	17.12		
1966	121%	72.7	105%	82	86%	72.8	100%	29.3	75%	32.6	47%	17.1	116%	43.3			73%	38.9	98%	24.6	61%	23.7	0%	0	153%	93.6		99%	79.5	61%	27.1		45%	29.6	9.56		
1967	196%	114	149%	105.7	165%	142.5	225%	61.9	167%	56.4	184%	70	250%	84.1			182%	90.9	252%	57.4	175%	49.5	220%	56.6	207%	104.7		142%	124.8	223%	84.3		133%	72.6	18.96		
1968	68%	52.5	65%	55.4	65%	61.9	51%	19.4	39%	17.4	41%	19.1	71%	32.6			57%	35.4	50%	15.3	36%	11.9	18%	4.7	69%	46.1		67%	62.2	37%	19.5		44%	35.1	9.66		
1969	242%	147.3	251%	197.8	228%	184.5	242%	79.5			283%	100.5	256%	102	267%	144	265%	120.8	298%	64.6	323%	90.9	359%	83.1	264%	157.5	248%	188.6	240%	176.8	273%	113.2	236%	123.7	210%	116.3	24.84
1970	117%	74.6	97%	74	87%	76	86%	27.6	79%	33.6	77%	28.4	106%	40.6	82%	42.6	83%	40.1	77%	18.7	67%	24.5	55%	13.9	103%	63.8	89%	62.5	89%	71	131%	52.8	96%	54.8	90%	52.8	8.96
1971	127%	75.7	103%	81.7	96%	85.4	46%	13.2	34%	13.6	40%	12.3	121%	41.4	84%	41.7	76%	36.3	73%	14.9	38%	10.7	7%	1.6	137%	69.7	100%	70.1	90%	72	66%	24.6		132%	72.0	13.36	
1972	110%	71	81%	64.2	62%	53.5	90%	30	61%	24.9	20%	7.5	113%	44.7	78%	40.2	45%	21.3	117%	28.6	78%	25	0%	0	118%	68.7		66%	49.8	57%	28.8	37%	23.6	18%	9.8	12.16	
1973	131%	88			122%	112.9	123%	43.3			150%	58.7	121%	57.2			147%	75.8	137%	33.5			172%	49.7	118%	75.9		126%	110.9	127%	53.9		140%	96.1	15.61		
1974	150%	85.6	147%	115.7	133%	121.5	118%	33.4	108%	43.4	87%	38.1	129%	49.3	121%	69.1	116%	61.8	124%																		

YEAR	Piute Pass No. 183 (El. 11,300 feet msl)						East Piute Pass No. 212 (El. 10,800 feet msl)						Sawmill No. 213 (El. 10,300 feet msl)						North Lake No. 214 (El. 9,300 feet msl)						Bishop Pass No. 222 (El. 11,200 feet msl)						Bishop Lake No. 284 (El. 11,300 feet msl)						Measured Annual Precipitation at Lake Sabrina (inches)(a)
	February		March		April		February		March		April		February		March		April		February		March		April		February		March		April		February		March		April		
	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)	Water Content (% of Monthly Ave.)	Depth (inches)			
Average	21.4% (b)	65.4	30%	84	35%	91.3	9.4%	32.2	12%	40.4	14.3%	40.4	11.9	40.6	17.1	53.5	18.6	51.5	7.0%	25.8	9.9%	33.2	9.8%	26.8	20.3%	61.2	28.8%	78.6	32.7%	83.3	13.7%	42.3	20.4%	56.8	22.2%	67	16.20
1981	71%	60	60%	61	73%	83.9	109%	44.4	88%	41.4	117%	53	84%	39	62%	31.8	90%	55.5	94%	29.3	81%	27.5	111%	33.3	66%	48.8	54%	51.3	75%	75.4	71%	36.2	58%	35.3	94%	64.3	12.00
1982	163%	85.4	132%	107.7	135%	125	139%	39.5	109%	45	133%	59.1	150%	61.3	123%	57.5	149%	76			110%	29.7	121%	39	149%	86.5	125%	86.1	134%	118.4	135%	53.6	111%	63.5	138%	87.7	26.80
1983	166%	108	212%	168.8	209%	176.2	202%	60.1	269%	101.3	269%	101	187%	83.1	167%	94	202%	100.1	169%	43.5	215%	70	227%	67.8			170%	138.3	212%	165.3		165%	100.1	203%	115.7	26.18	
1984	153%	77.7	132%	92	111%	92	109%	29.8	106%	39.3	65%	27.2	137%	45.3	114%	58	108%	52.2	117%	26.3	109%	33.3	82%	23	140%	71	127%	88.9	102%	81.1	151%	52.2	119%	65.0	123%	70.0	16.34
1985	99%	58.1	85%	71.1	99%	102	106%	33.6	94%	37.5	109%	51.6	111%	42.9	89%	46	98%	59.4	125%	29.7	106%	36.8	110%	34.7	123%	70.4	84%	68.9	114%	98.9	124%	49.4	97%	55.5	107%	69.7	17.50
1986	101%	77.5	187%	150	184%	146.2	97%	40.9	203%	78.1	244%	76.5	99%	36.6	189%	96.8	191%	94	87%	39.6	233%	69.9	252%	54.7	89%	53.6	181%	138.8	190%	141.8	116%	45.4	206%	111.7	231%	118.9	23.26
1987	19%	22.1	44%	45.9	52%	60.6	20%	9.6	56%	28.4	62%	32.8			32%	27.9	47%	31.9	24%	9.6	46%	19.5	53%	18.5	34%	29.6	46%	44.6	57%	54.8			30%	26.1	52%	37.0	8.20
1988	106%	65.9	71%	59.6	63%	56.9	95%	33.4	62%	27.7	45%	20.2	95%	40.3	66%	34.8	54%	31.2	87%	26.1	55%	16	7%	2.4	83%	56	64%	51.2	59%	52.3	98%	41.6	66%	39.9	61%	39.7	14.78
1989	66%	41.9	66%	56.7	76%	78.9	56%	22.9	45%	20.5	61%	25.1	80%	32	83%	51.2	80%	39.6	84%	21.8	54%	21.3	21%	7.6	59%	37.1	73%	64.7	69%	72.5	63%	26.7	73%	50.0	68%	42.3	12.36
1990	46%	41.1	58%	57	62%	56.8	52%	25.1	62%	26.3	56%	21.6	51%	24.8	62%	37.1	49%	21.8	63%	20.8	80%	28.1	76%	16.5	42%	35.2	53%	52.8	52%	43.9	54%	30.4	44%	27.2	42%	26.1	12.40
1991	15%	11.7	10%	14.8	70%	90	11%	3.5	0%	0.001	111%	58.8	13%	7.3	57%	51.3	84%	51.1	13%	3.9	0%	0	115%	48.3	20%	16.5			86%	76.1	12%	8.5			86%	55.2	13.34
1992	47%	34.5			63%	62.8	56%	19.4			80%	39.9	44%	20.1			65%	46.8	47%	13.7			65%	22.5	34%	27.5	45%	44	53%	52.3	57%	24.4			89%	59.7	11.74
1993	164%	107.6	185%	148.6	170%	138	147%	49.4	153%	67.8	157%	59.6	172%	67.2	173%	94	178%	86.1	154%	36.6	181%	63	182%	43.1	163%	96.2	164%	128.9	162%	137.5	156%	64.4	152%	92.7	146%	90.6	18.94
1994	45%	38.6	56%	63.8	65%	70.5	27%	16.3	62%	28.6	82%	37	48%	24.8	76%	42.4	78%	40	37%	16.3	61%	22.9	61%	17.6	45%	37.1	66%	58.9	69%	62.6	36%	22.5	64%	40.1	72%	48.5	12.90
1995	177%	109.7	128%	102.5	189%	162.1	191%	54.6	123%	45.9	227%	91.1	167%	61.1	115%	52.2	172%	94.3	168%	45.7	108%	35.3	218%	64.5	152%	100.8	120%	84.4	211%	157.3	141%	63.2	112%	58.8	172%	94.6	22.44
1996	96%	63	127%	100.8	141%	111.4	80%	27	137%	54.8	136%	53.7	82%	36.4	113%	75.7	126%	61.2	85%	22.9	128%	43.7	147%	37.8	71%	54.1	103%	99.1	122%	94.6	90%	48.3	114%	73.4	131%	73.9	19.17
1997	189%	115.9	169%	113.4	152%	110.9	185%	53.4	195%	60.8	159%	47.8	191%	70.6	137%	55.7	119%	47.9	134%	32.6	136%	41.5	105%	21	225%	125	170%	108	132%	92	271%	99.5	153%	67.8	159%	78.2	19.39
1998	86%	61.4	142%	123.1	144%	132.7	106%	31.9	162%	66.9	186%	73.1	100%	34.9	160%	82.7	161%	86	111%	27.6	175%	62.1	179%	48.6	102%	53.3	155%	124.3	162%	133	91%	39.7	142%	81.0	144%	95.0	21.20
1999	64%	60.7	93%	77.4	87%	77.1	64%	26.1	69%	26.6	59%	23.7	75%	36.6			70%	34.3	74%	20.4	65%	20.1	54%	12.3	67%	55.6			86%	66.5	49%	28.4			48%	27.1	10.69
2000	61%	56.5	115%	101.4	103%	80.1	89%	39.6	120%	47.5	129%	42.3	100%	31.7			119%	39.8	36%	18.6	114%	38	106%	22.3	72%	59	67%	59.4	91%	71.7	74%	37.4			90%	50.9	12.08
2001	41%	34.3	55%	62.6	65%	57.7	52%	21.4	86%	45.1	111%	38.3	50%	21.6			82%	33.7	58%	24.1	97%	41.3	117%	28.5	37%	29.7			76%	59.3	42%	23.6			78%	43.5	19.74
2002	101%	67.3	97%	73	93%	78.7	115%	33.8	80%	29.8	73%	27	102%	42.6			77%	46.1	113%	27.5	69%	22.1	71%	18	120%	70.3			91%	79.7	128%	48.7			88%	53.9	9.07
2003	97%	53.3	84%	71.4	81%	70.8	90%	22.5	109%	44.5	101%	38.7	111%	39			90%	46.8	117%	20.8	91%	31.1	96%	22.3	105%	52.1			87%	72.9	93%	32.2			79%	50.3	16.31
2004	103%	62	110%	104	100%	77.4	121%	30.4	141%	64.1	110%	35.1	88%	35.7			92%	39	162%	34.4	137%	55.2	96%	21.3	99%	57.7			90%	61.5	101%	44.6			107%	51.3	11.91
2005	168%	100.5	146%	112	141%	128.7	197%	54.2	177%	70	184%	73.5	209%	73.2	132%	69.8	171%	79.7	228%	50.6	180%	57.4	218%	56.3	191%	107.1			152%	113.1	192%	74.2			161%	94.0	m (c)
2006	152%	86.2	109%	79.9	140%	136.2	152%	34.5	127%	43.1	154%	61.5	158%	51.8			142%	81.9	189%	42.4	143%	41.9	193%	53.1	158%	79.4	54%	43.4	162%	130.1	177%	60.6			130%	77.3	11.53 (d)
2007	35%	24.3	54%	56.4	54%	51.1	21%	11.8	44%	25	27%	12.9	19%	11.8			29%	15.1	23%	9.6	33%	17.1	4%	1.3	33%	22.2			48%	39.7	39%	19.6			50%	31.2	17.50 (d)
2008	111%	74.7	120%	103.3	100%	85.3	123%	38.4	139%	59.6	110%	38.2	130%	54.9			102%	45	161%	39.5	154%	52.9	111%	26.1	115%	72.9			104%	72.8	84%	33			63%	39.1	18.40 (d)
2009	74%	57.7	84%	77.9	88%	82	94%	34.9	92%	37	87%	34.8	56%	27.7			80%	42.7	56%	14.1	58%	20.8	72%	18.9	67%	41.5			89%	70.7	93%	41.4			78%	48.3	7.93
2010	113%	83	106%	90	109%	94.6	159%	53.8	136%	53.9	125%	49.3	103%	51			100%	52.0	131%	40.6	117%	42.4	116%	34.8	133%	79.7			94%	81.5	119%	54.3			109%	63.7	14.29
2011	163%	81.8	138%	108.4	157%	129	227%	51.8	168%	60.8	186%	64	168%	54.6			217%	96.6	208%	39.5	175%	55.3	204%	47.5	147%	74.5			147%	132.9	202%	67.8			155%	96.0	17.82
2012	47%	37.1	43%	41.7	39%	49	68%	24.7	51%	20	52%	23.9	60%	22	23%	15.1	29%	17.8	66%	20.7	42%	14.9	46%	10.8	38%	29.0	27%	24.4	41%	45.6	49%	24.7	35%	23.9	41%	28.5	10.80
2013	102%	61.7	75%	60.3	62%	61	79%	27.5	70%	31.5	58%	23.8	90%	36.6	64%	36.9	50%	24.0	74%	23.1	62%	25.3	31%	9.4	102%	63.6	68%	58.3	66%	55.2	82%	36	62%	34.9	48%	31.2	8.74
2014	30%	28.5	57%	62	41%	50	48%	18.5	66%	36.5	52%	23.5	34%	16.5	35%	21.0	40%	26.0	71%	18.5	70%	30.0	56%	14.0	27%	19.5	36%	36	43%	43	36%	18.5	47%	31.0	56%	39.0	12.94
2015	26%	19	32%	36	31%	28.5	37%	11.5	12%	5.0	17%	7.0	25%	11	26%	27.0	5%	4.0	28%	7.5	10%	4.5			37%	21.5	31%	31.5	26%	23	22%	10.5	32%	27.5	18%	11.0	9.96
2016	77%	61.5	89%	74	91%	82	96%	37.5	102%	39.0	98%	36.5	93%	57	76%	44.0	73%	33.5	64%	25.5	70%	24.0	51%	17.5	86%	70.0	73%	60.5	84%	66	102%	58	78%	44.5	88%	51.5	14.74
2017	232%	125.5			194%	141	223%	77			244%	75.5	232%	80.5	233%	106.5	202%	81	271%	59.5	271%	73.5	2														

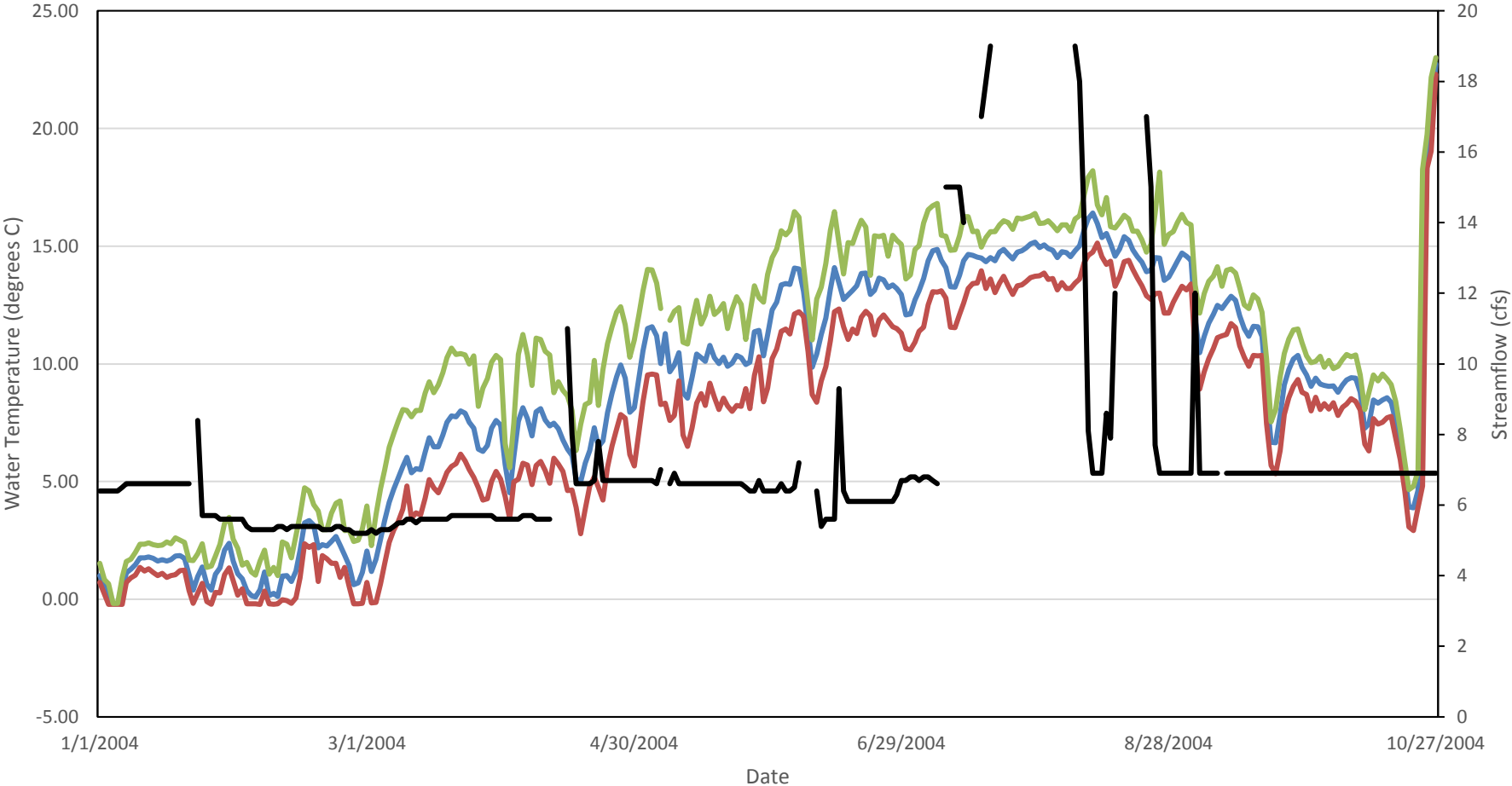
APPENDIX D
WATER TEMPERATURE DATA

MAY 2019

Bishop Creek - Site 1

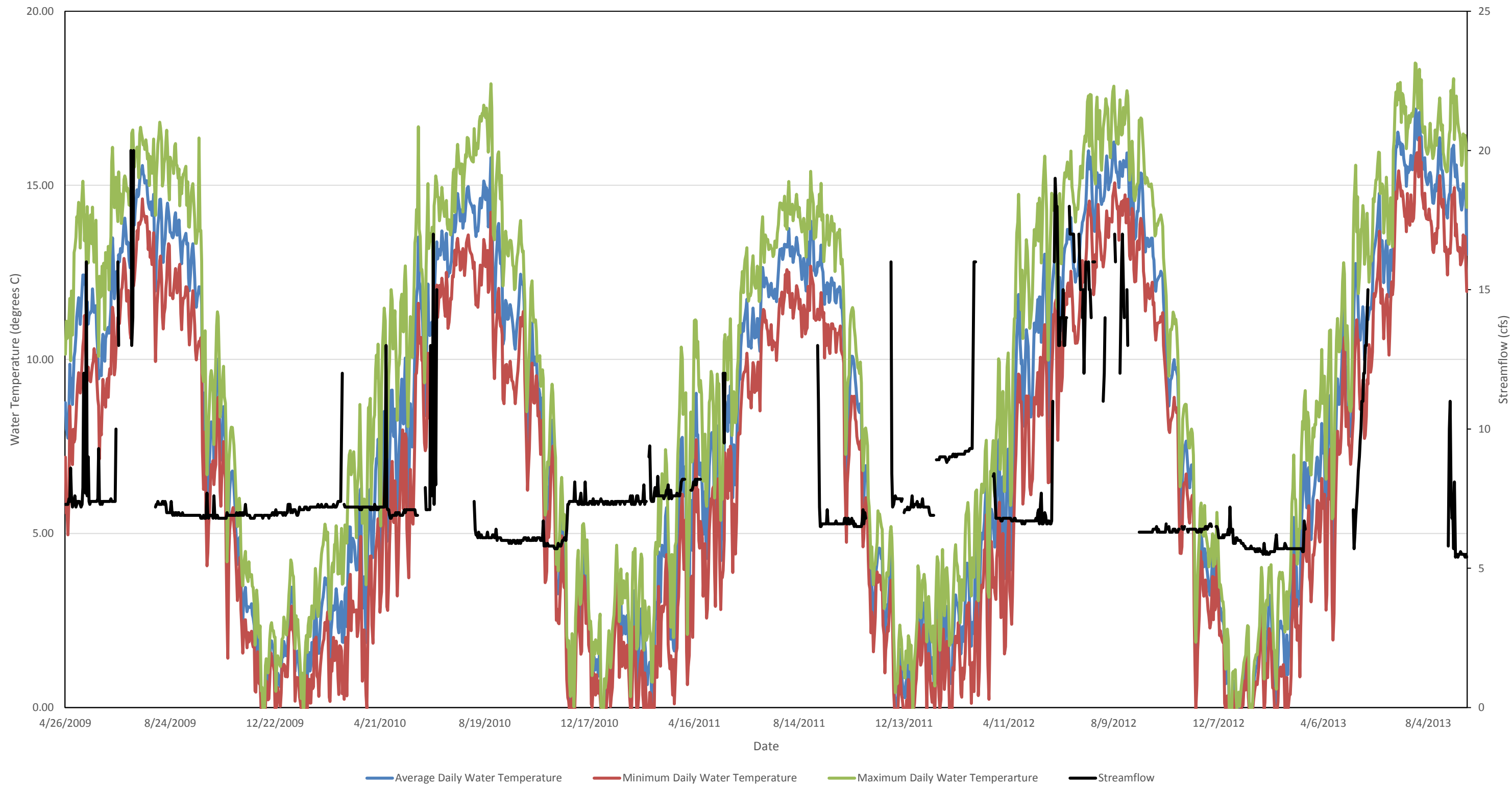


Bishop Creek Site 2

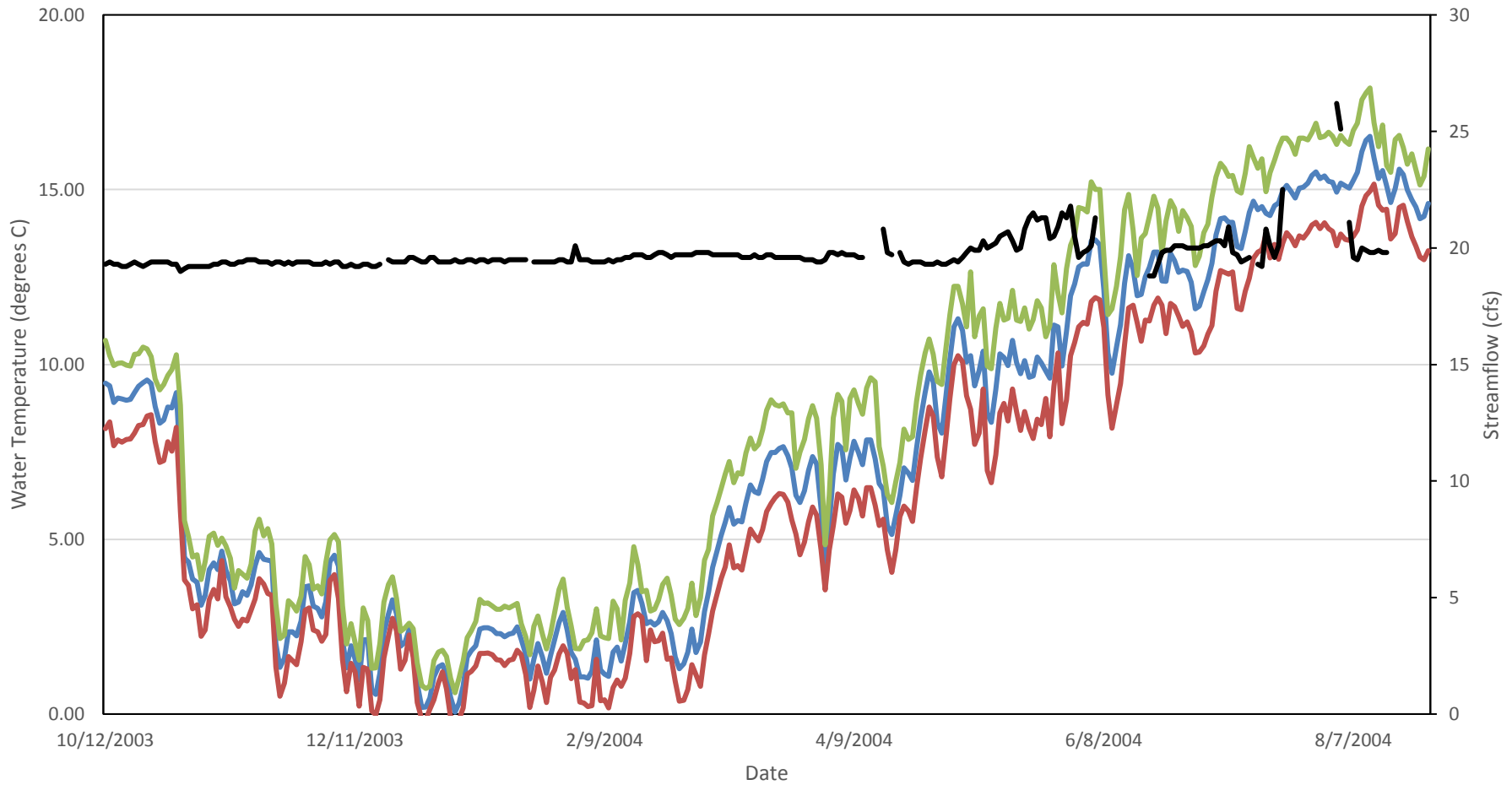


— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature — Streamflow

Bishop Creek - Site 2

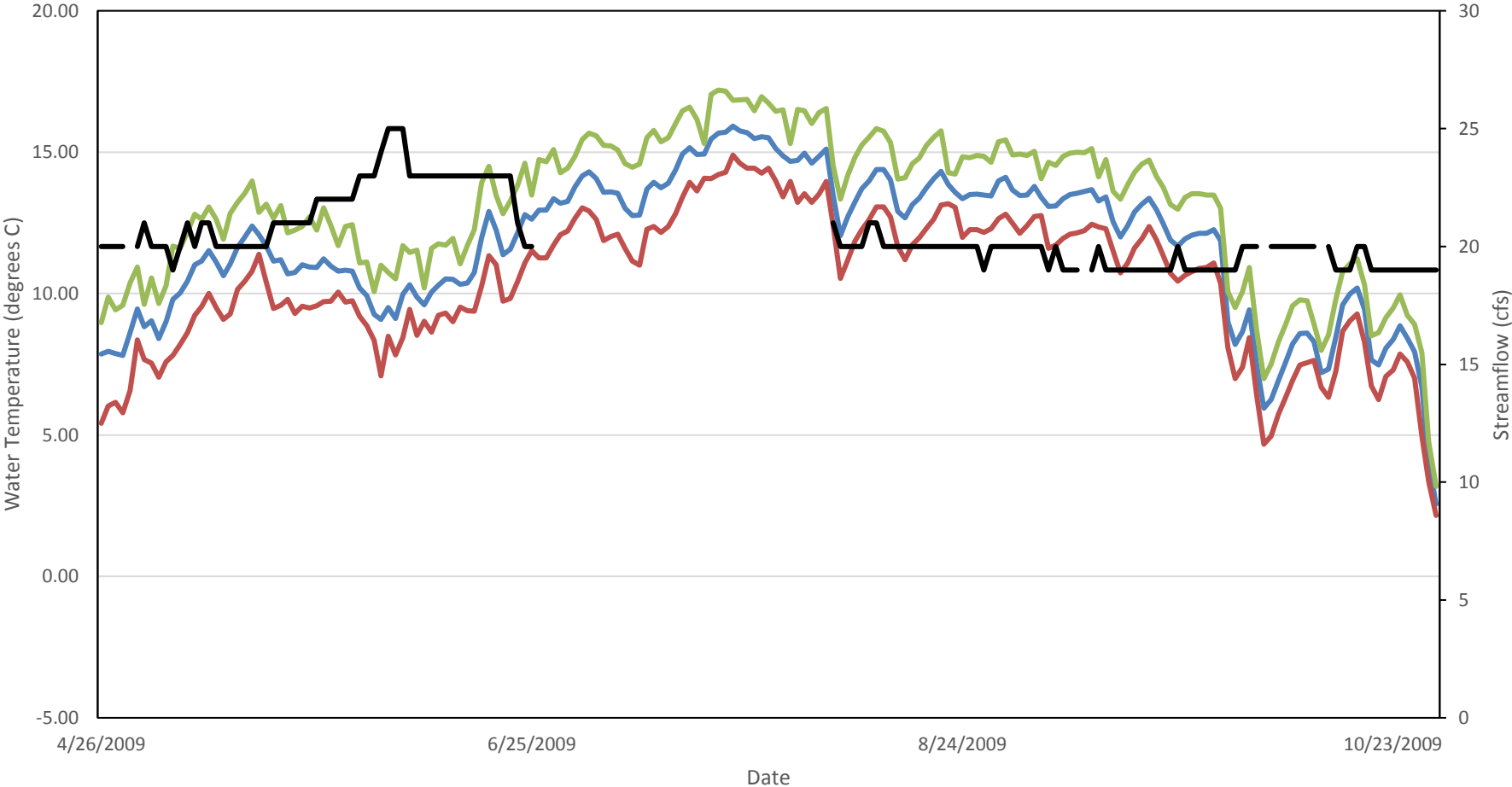


Bishop Creek - Site 3



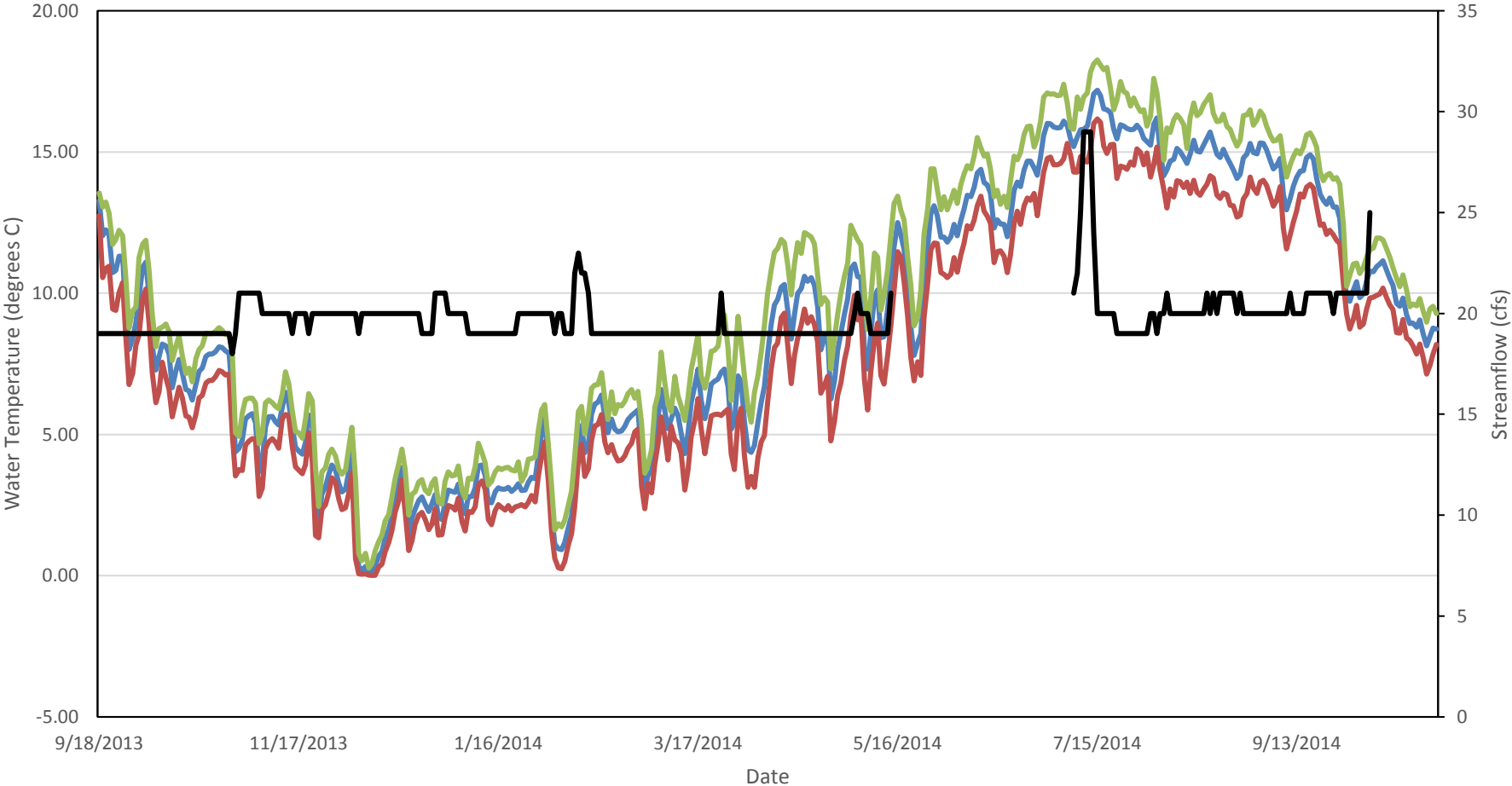
— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature — Streamflow

Bishop Creek Site 3



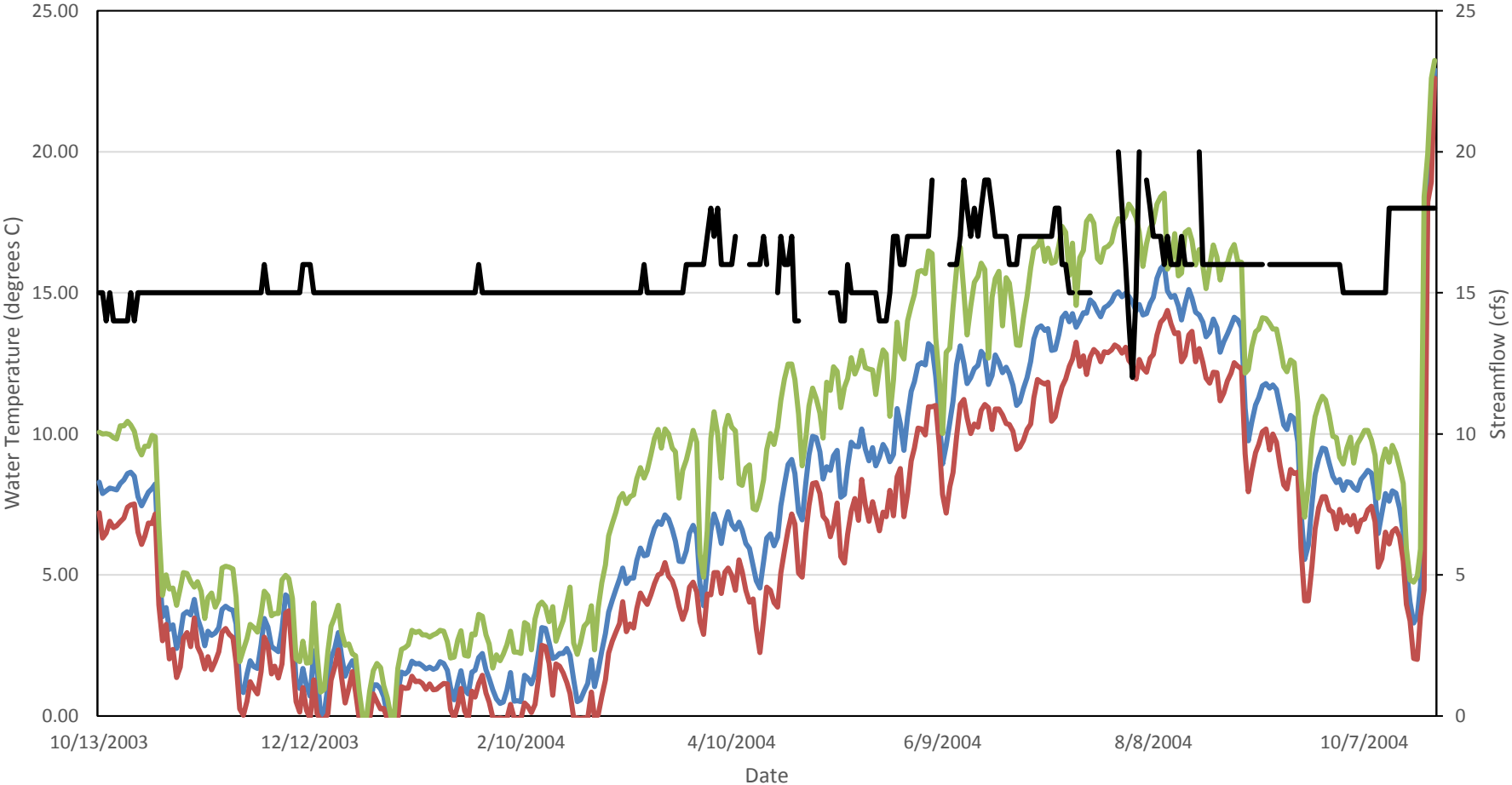
— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature — Streamflow

Bishop Creek Site 3



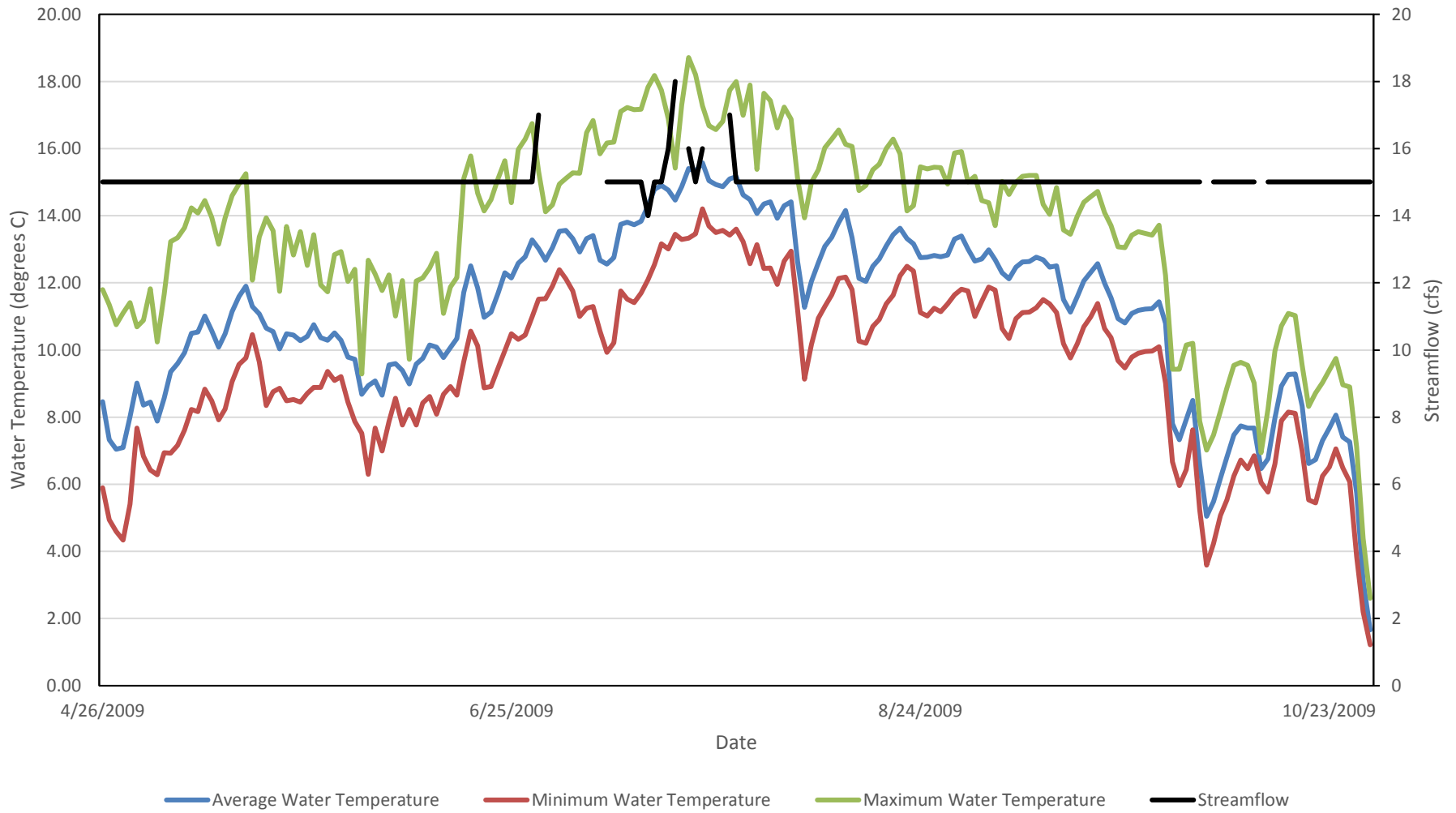
— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature — Streamflow (cfs)

Bishop Creek Site 4

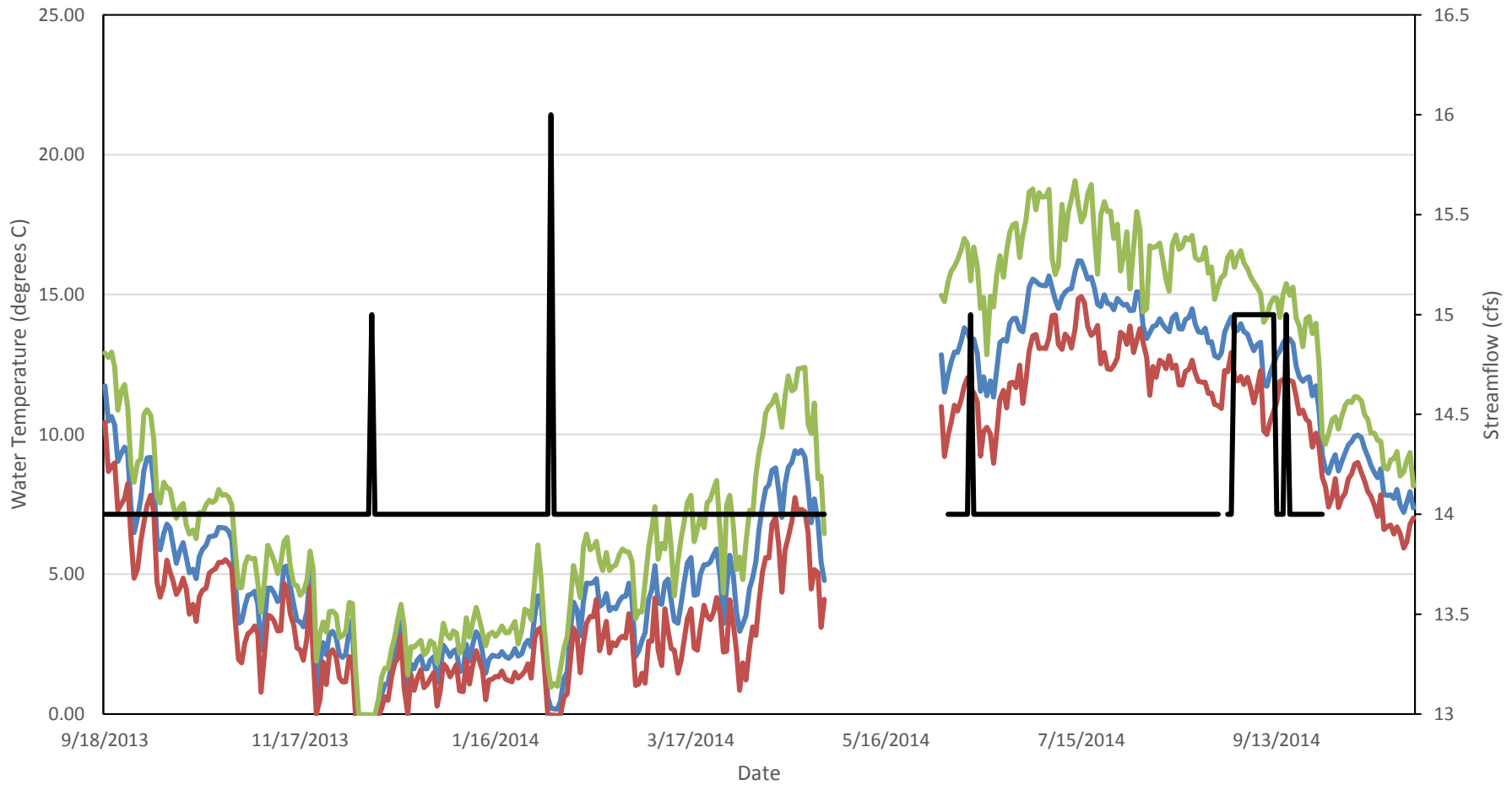


— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature — Streamflow

Bishop Creek - Site 4

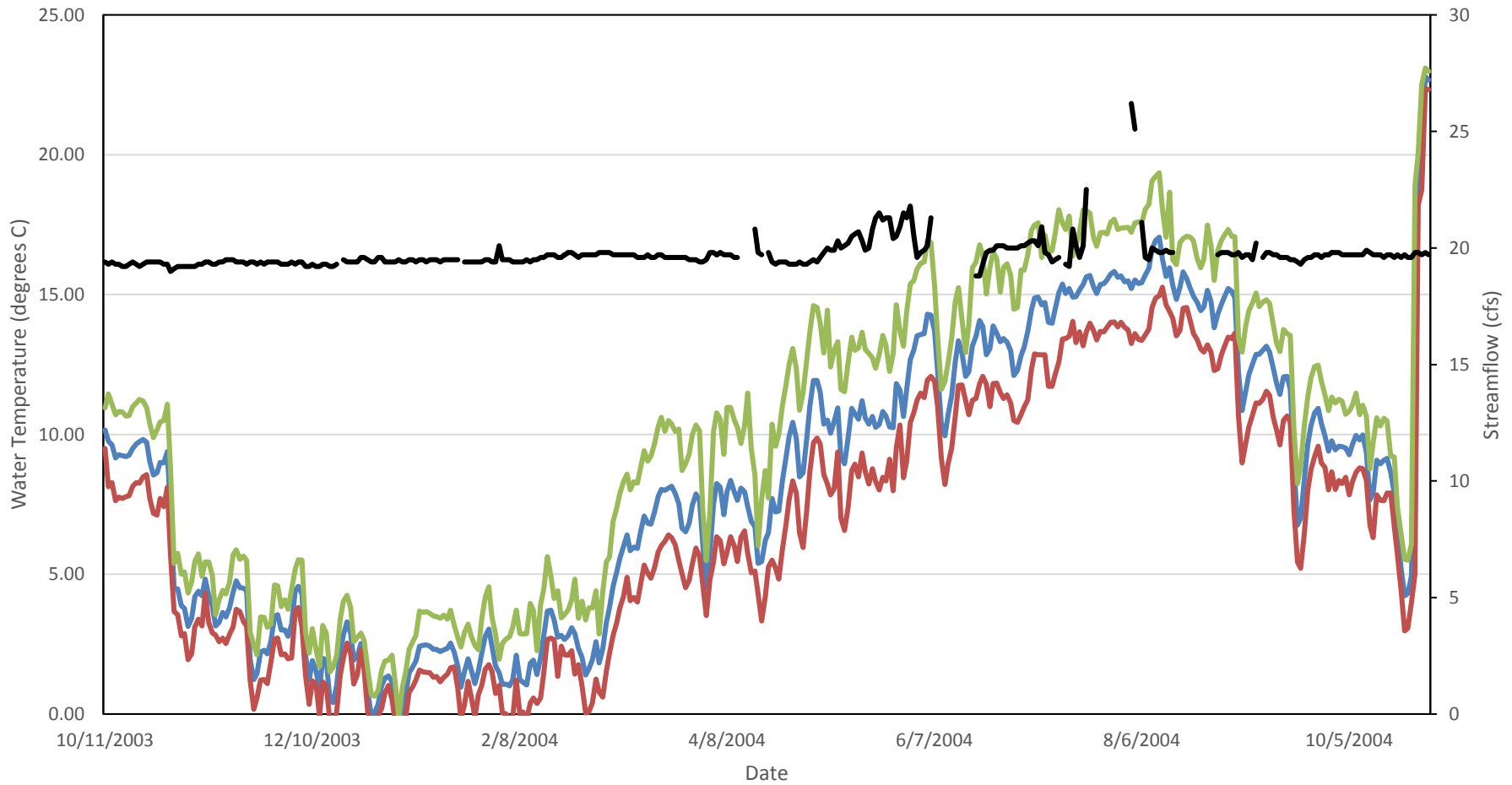


Bishop Creek - Site 4



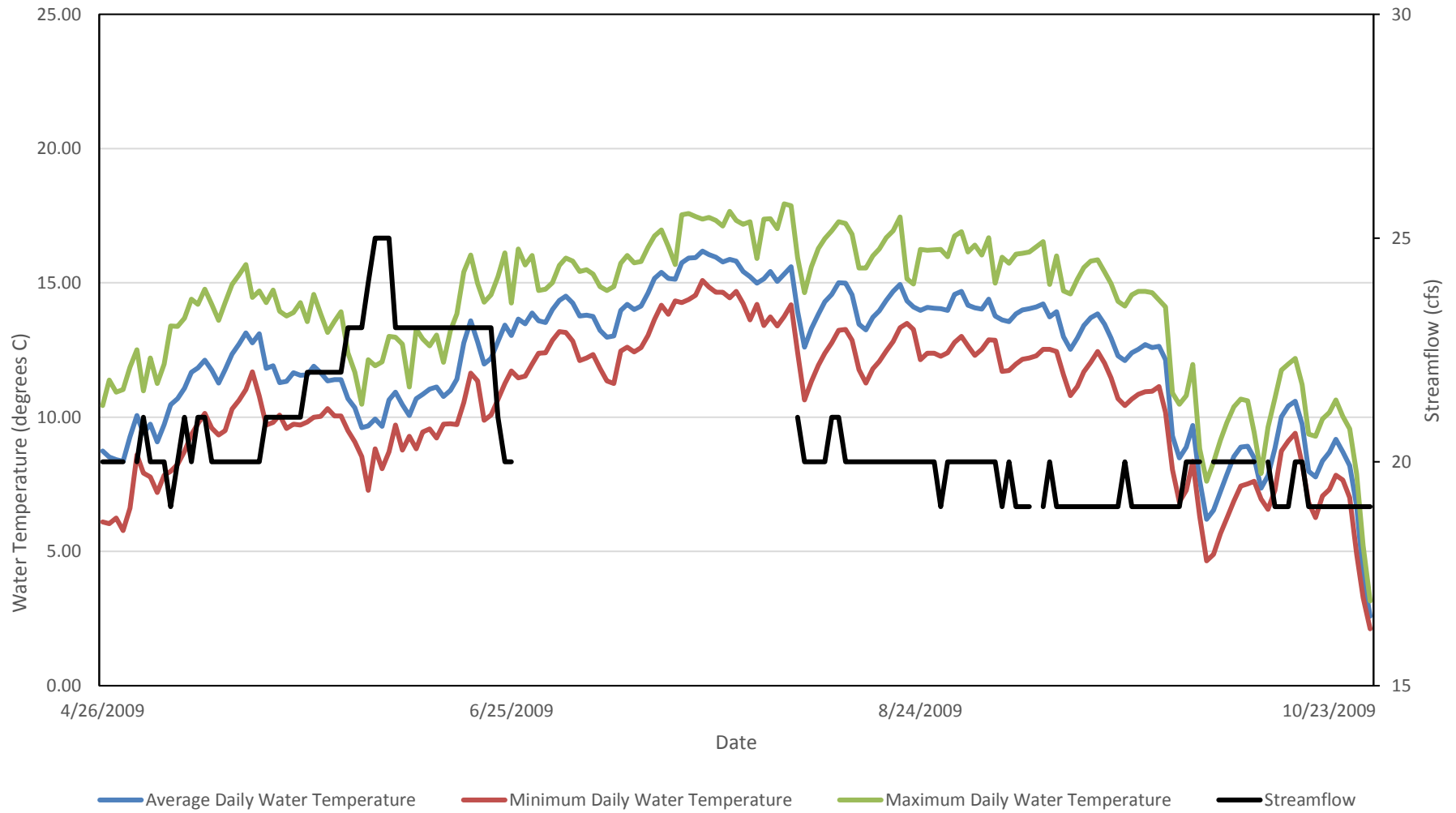
— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature — Streamflow

Bishop Creek - Site 5

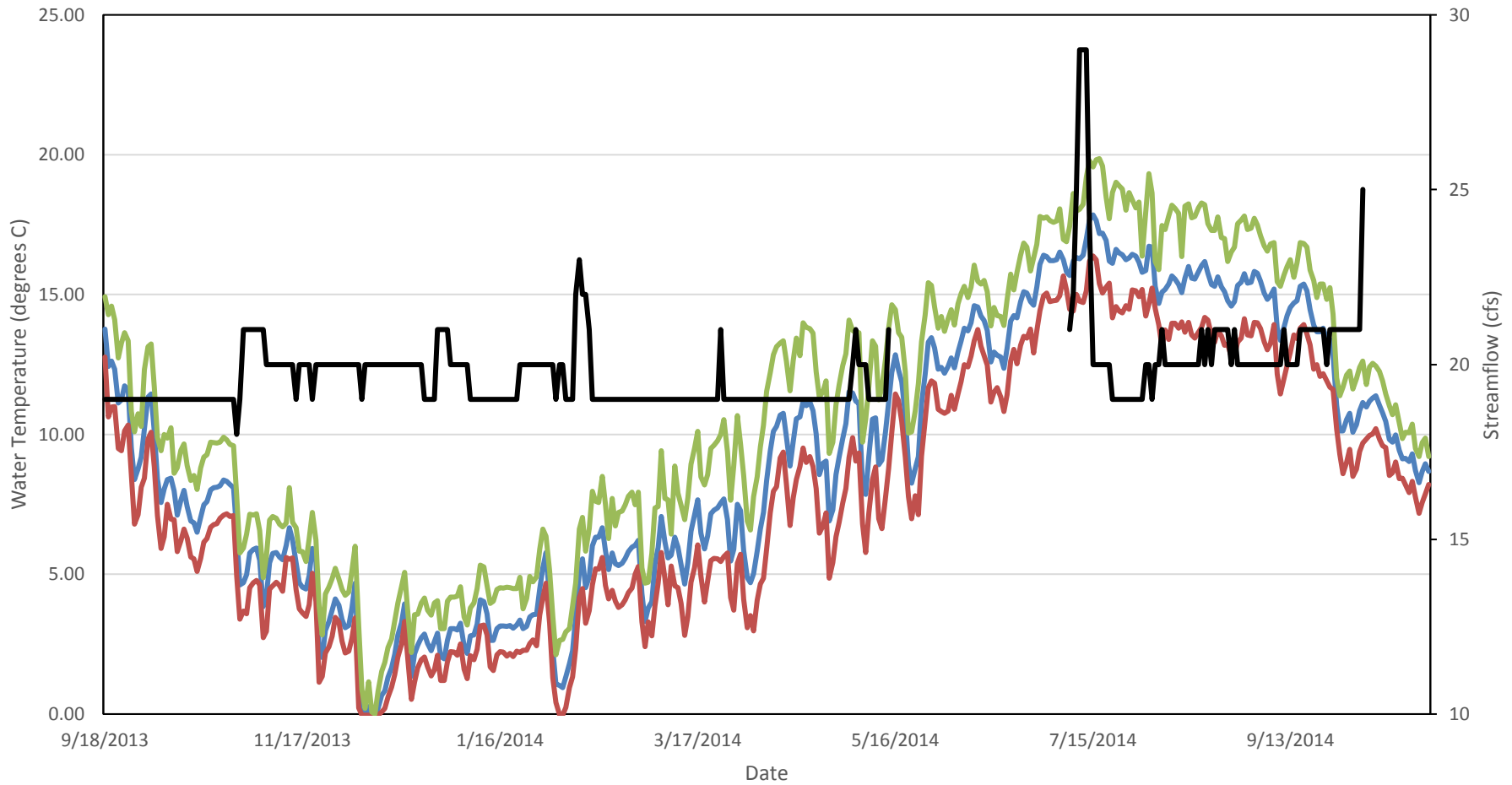


— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature — Streamflow

Bishop Creek - Site 5

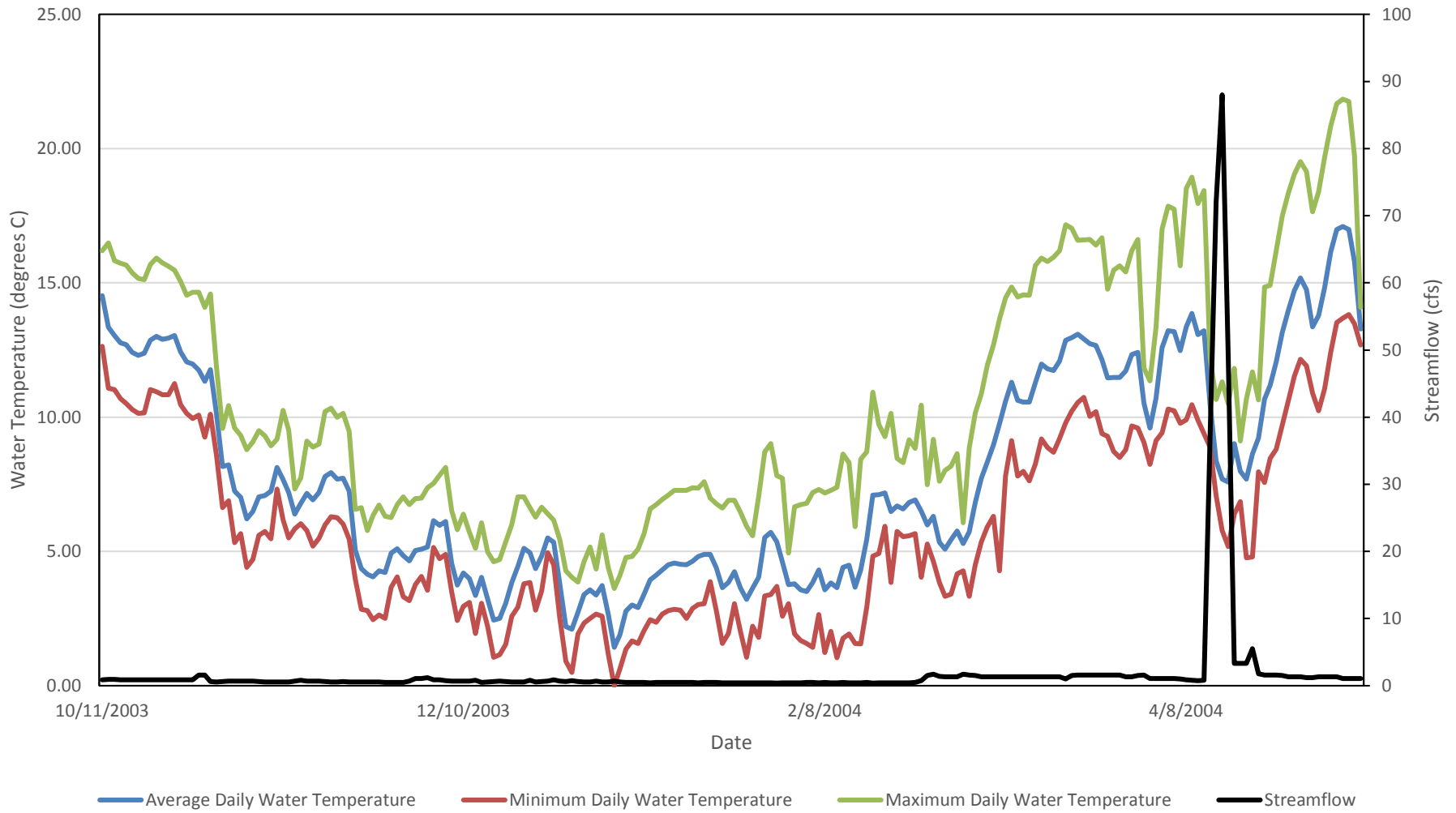


Bishop Creek - Site 5

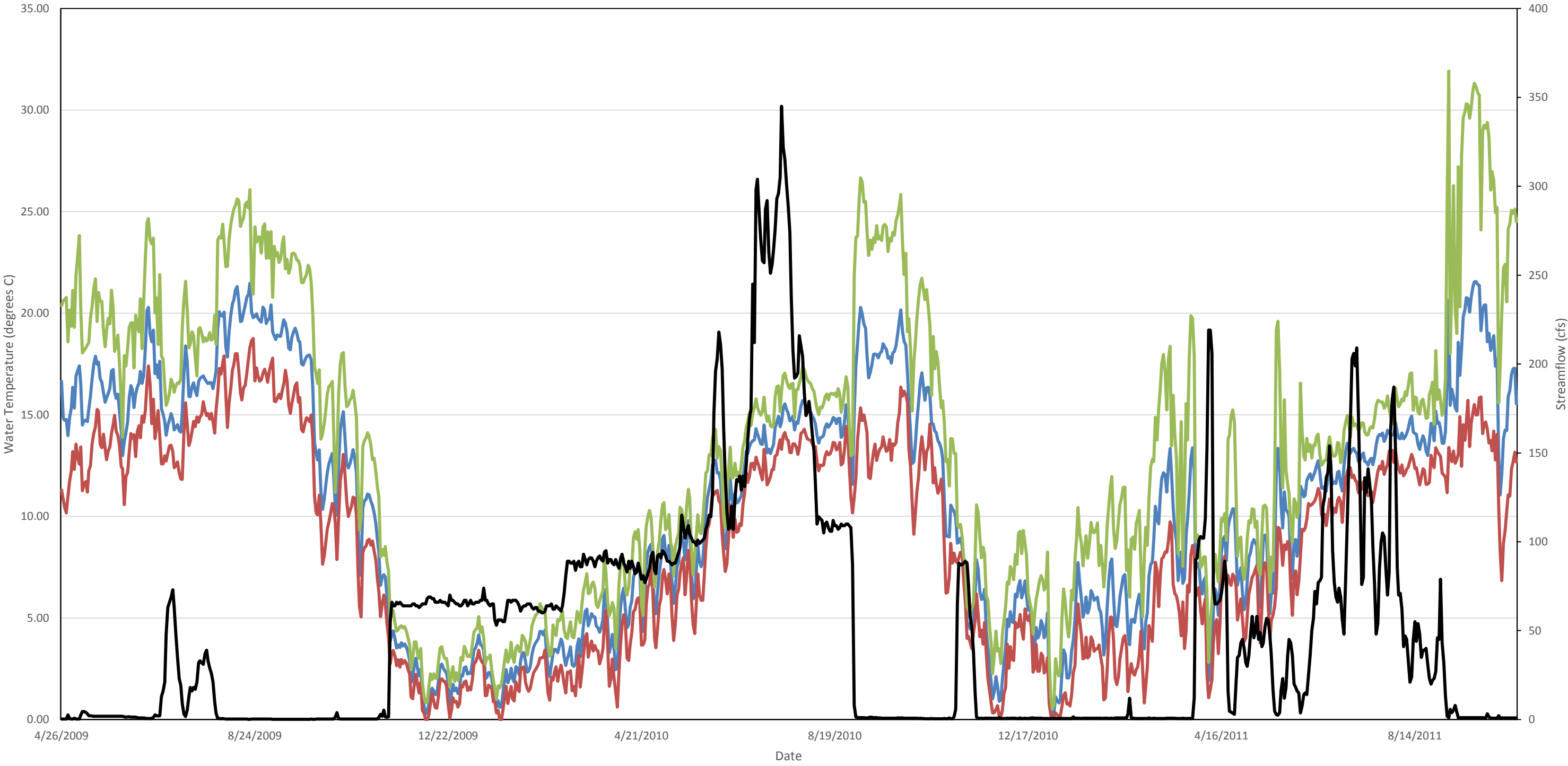


— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature — Streamflow

Bishop Creek - Site 6

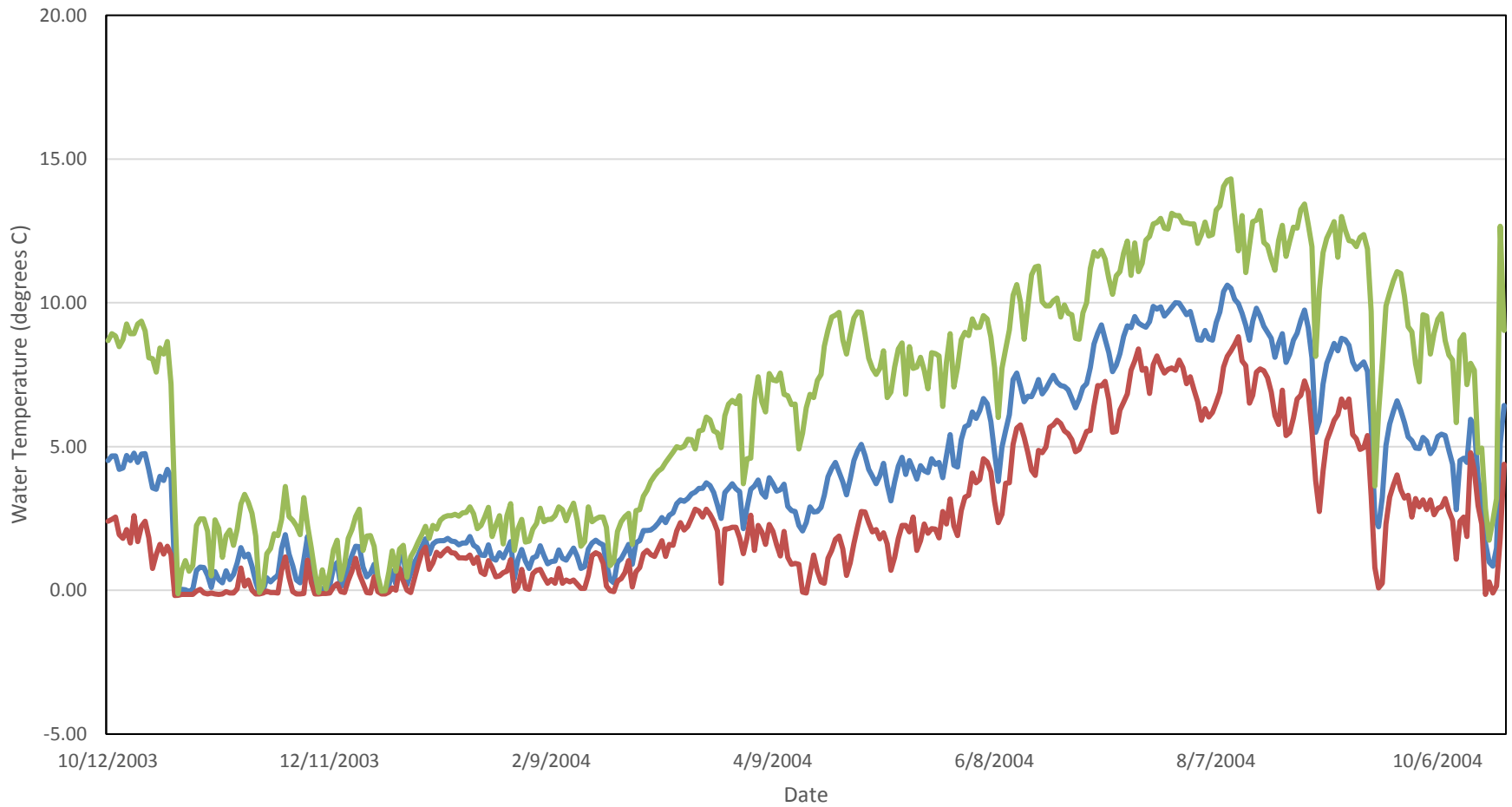


Bishop Creek - Site 6



— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature — Streamflow

McGee Creek above diversion

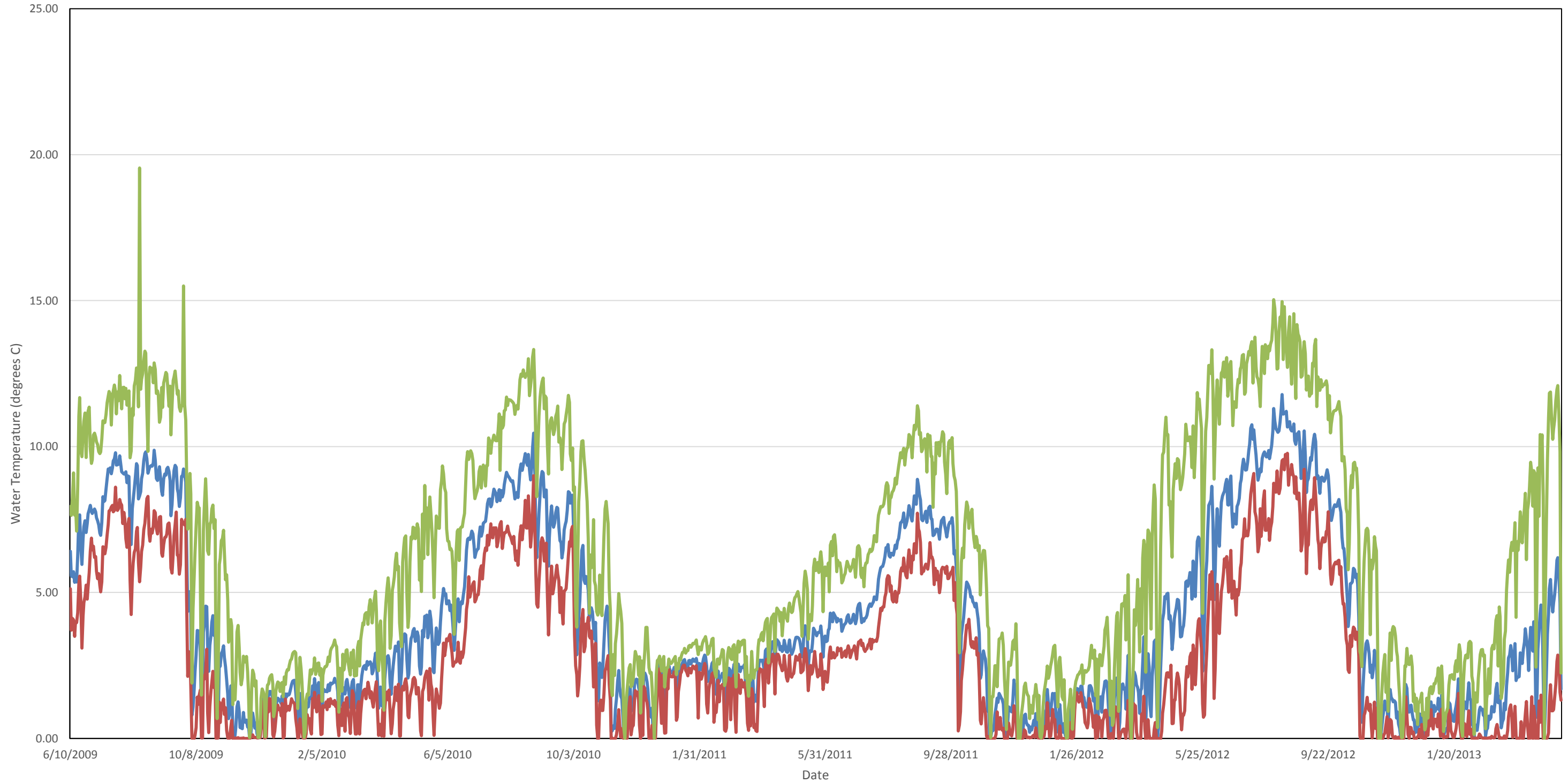


— Average Daily Water Temperature

— Minimum Daily Water Temperature

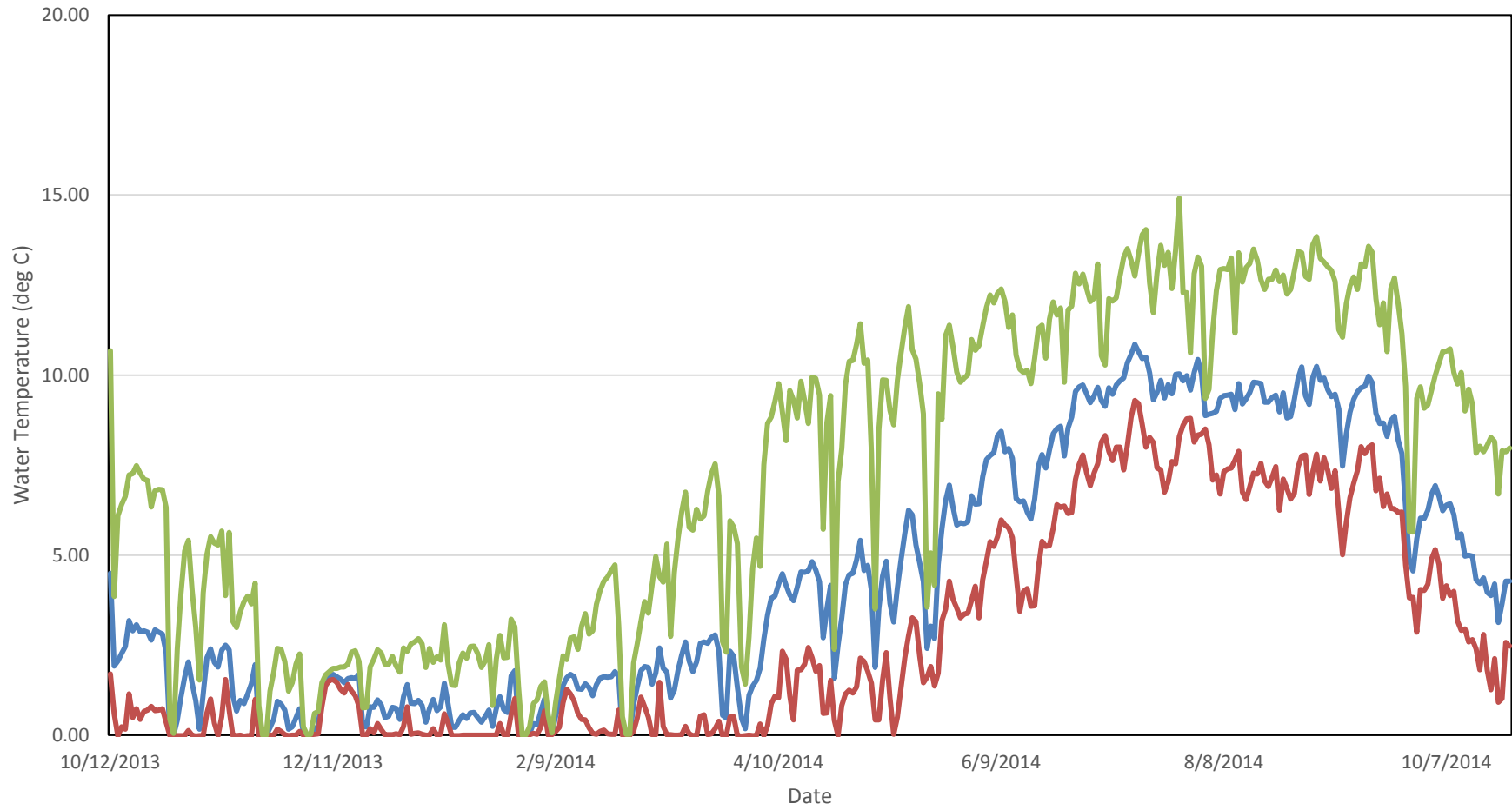
— Maximum Daily Water Temperature

McGee Creek above diversion



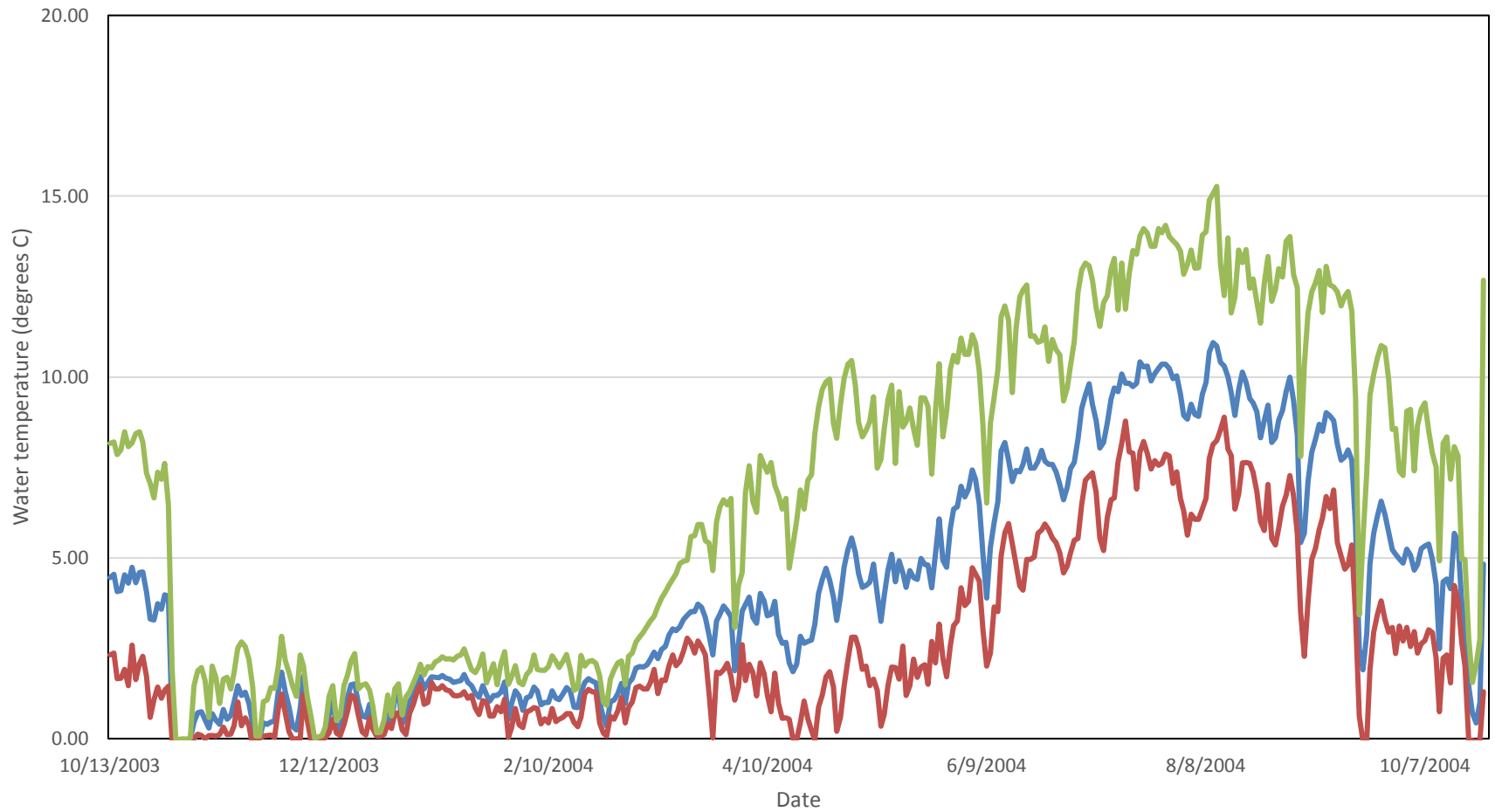
— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature

McGee Creek above diversion



— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature

McGee Creek below diversion

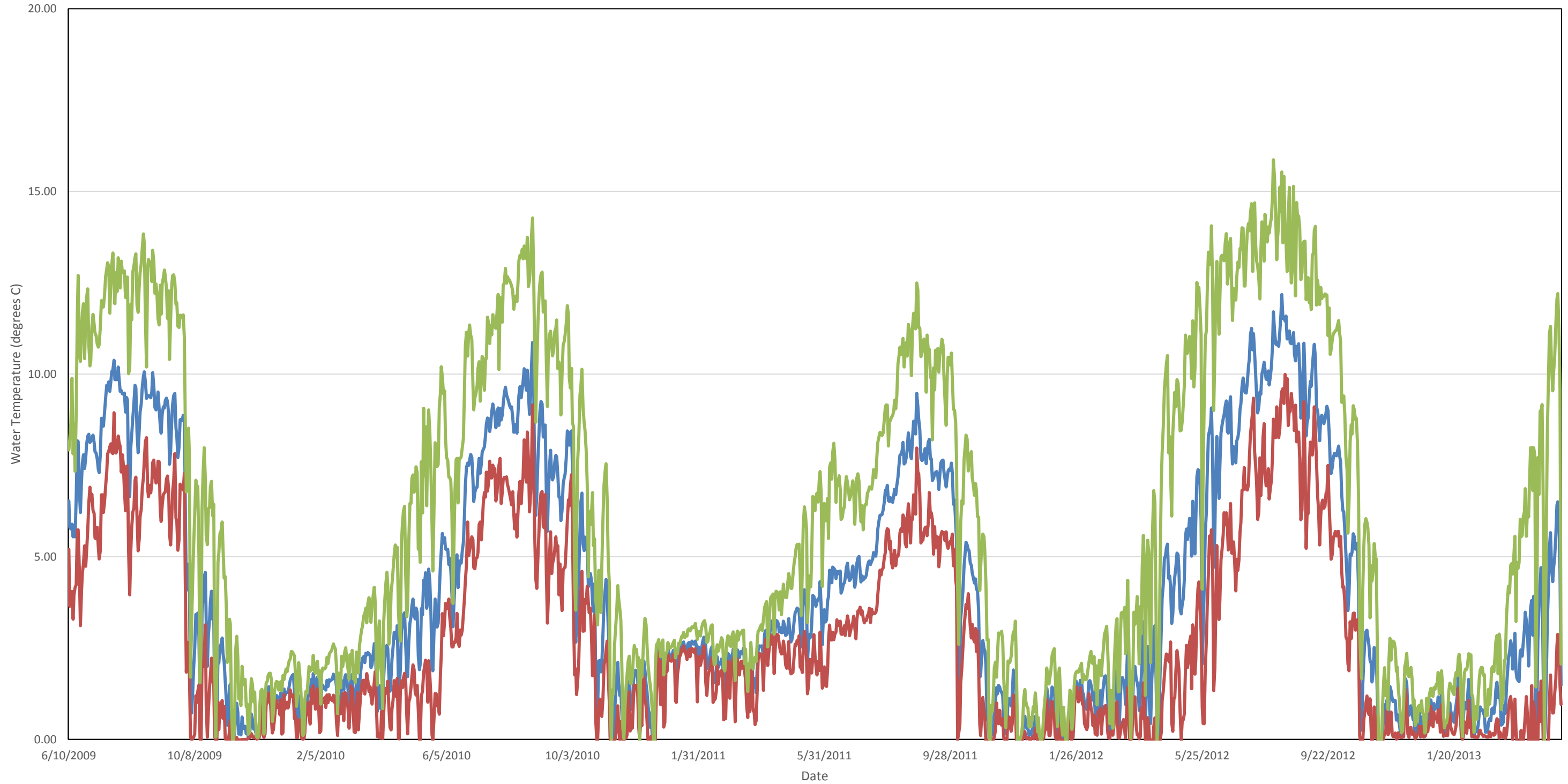


— Average Daily Water Temperature

— Minimum Daily Water Temperature

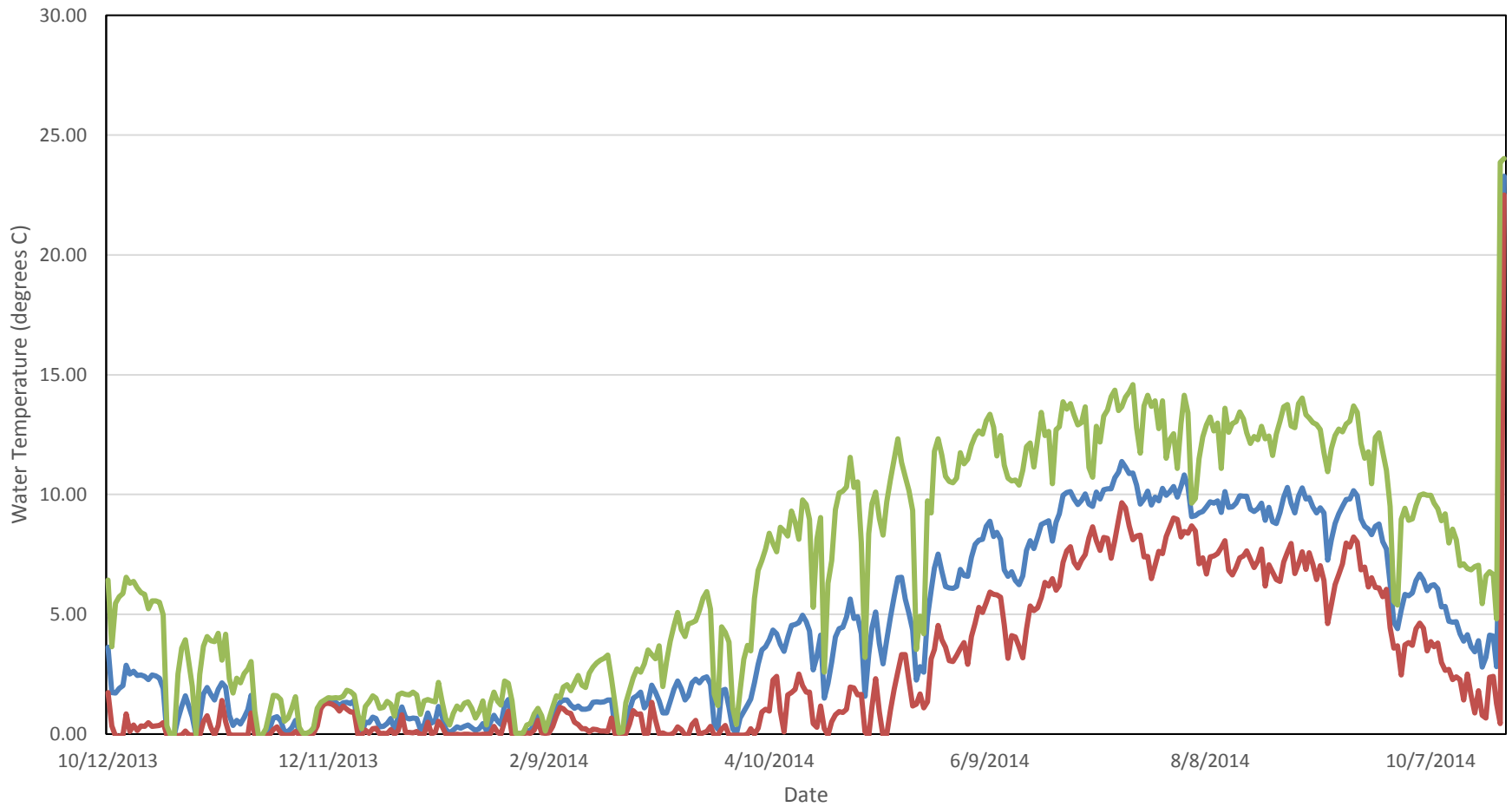
— Maximum Daily Water Temperature

McGee Creek below diversion



— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature

McGee Creek below diversion

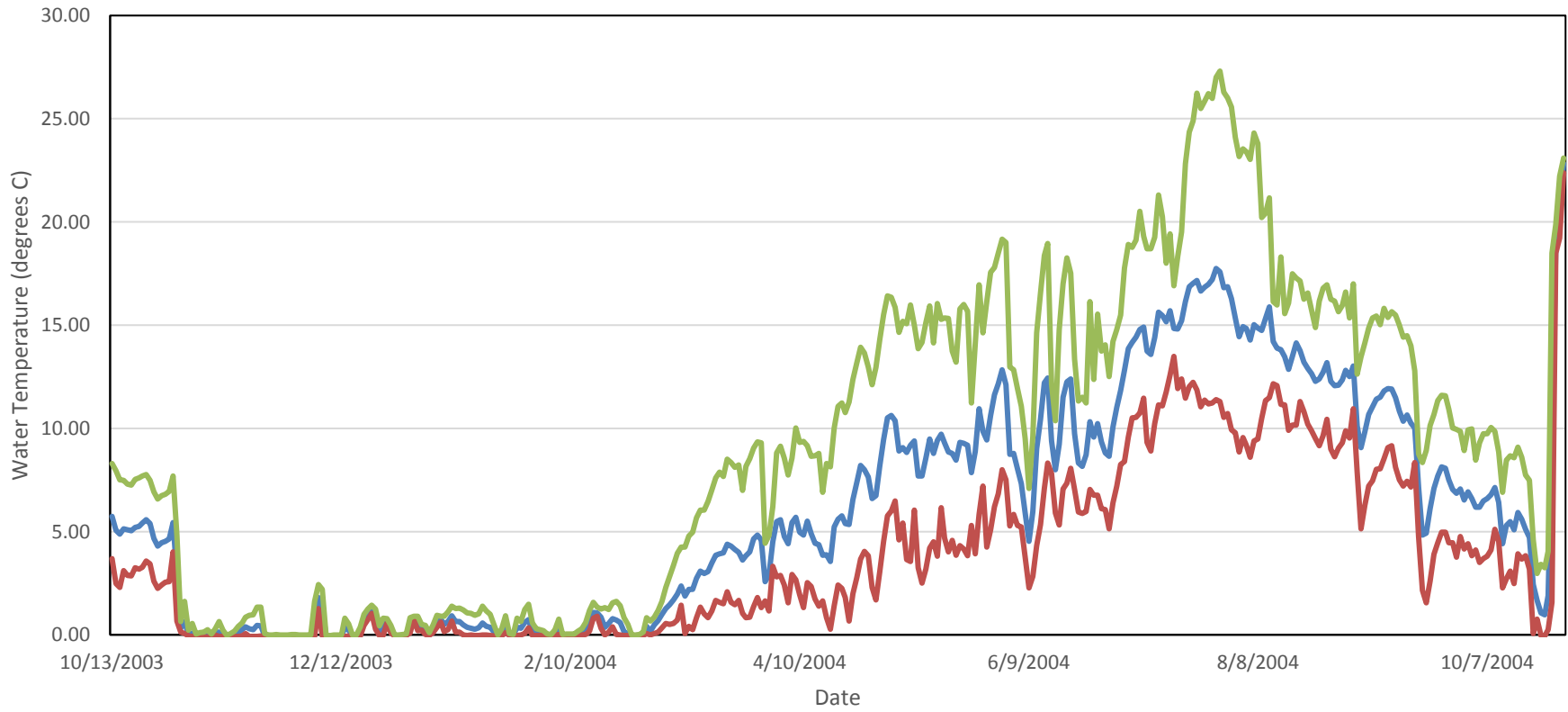


— Average Daily Water Temperature

— Minimum Daily Water Temperature

— Maximum Daily Water Temperature

Birch Creek

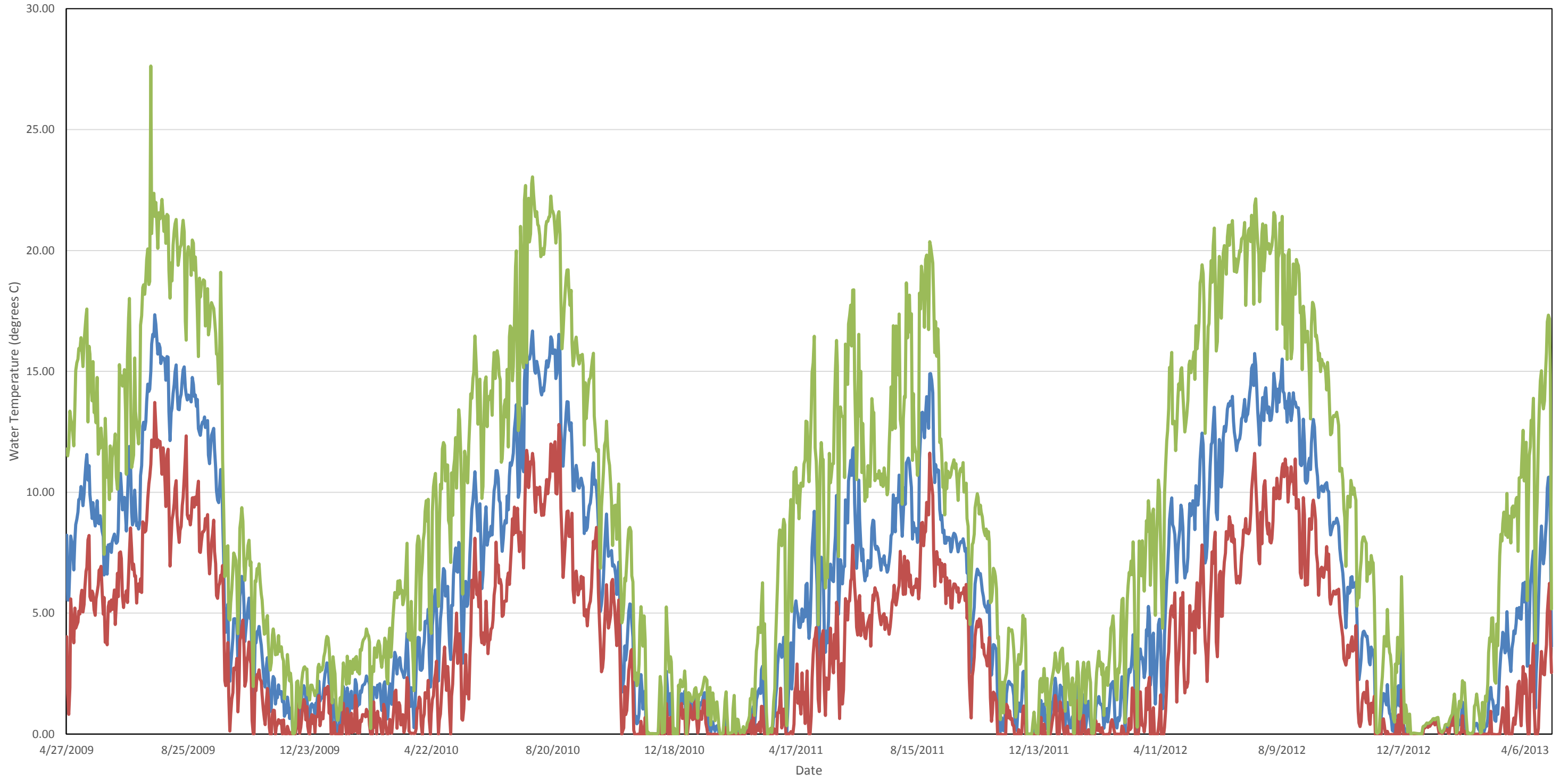


— Average Daily Water Temperature

— Minimum Daily Water Temperature

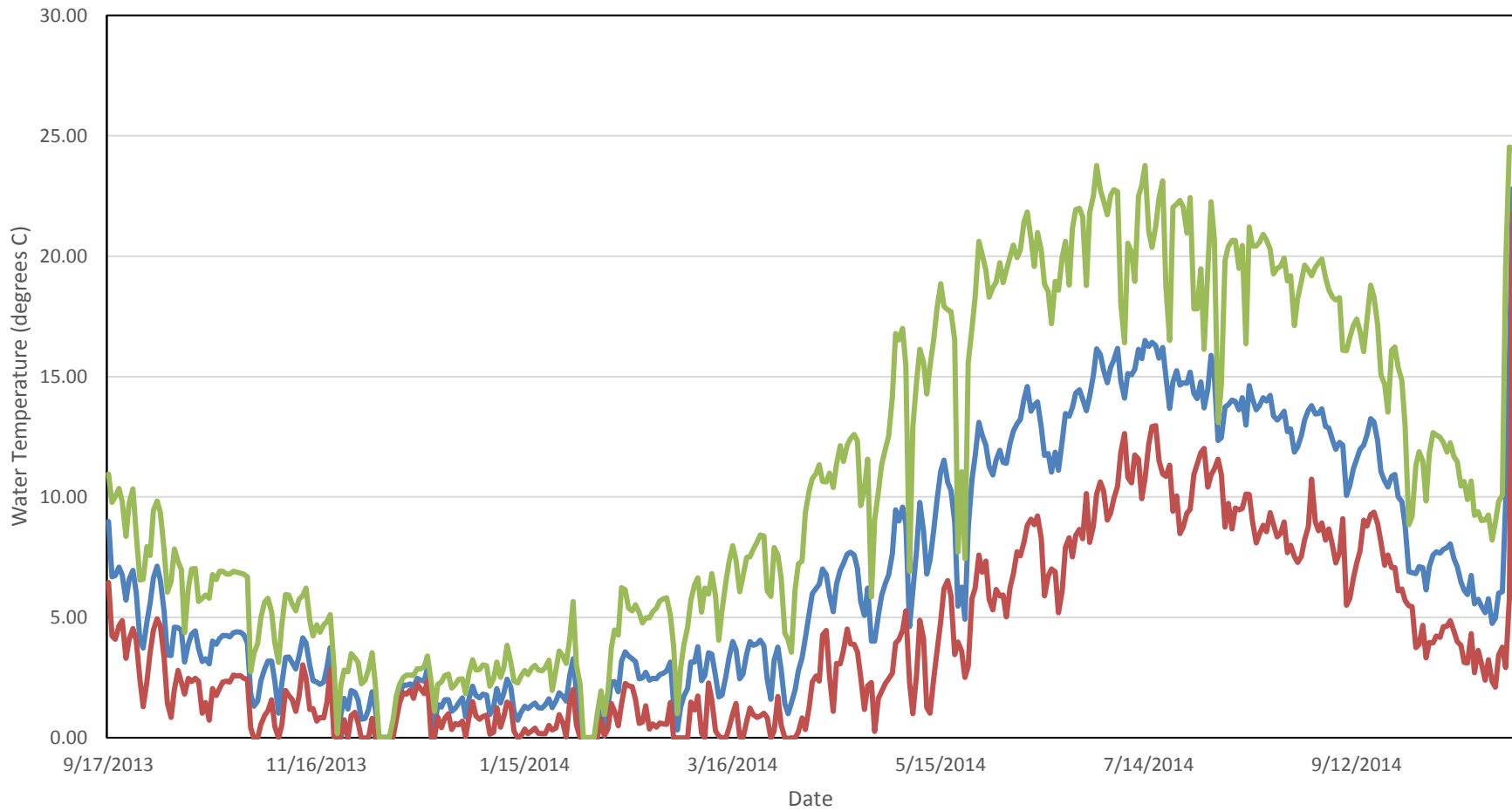
— Maximum Daily Water Temperature

Birch Creek



— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature

Birch Creek

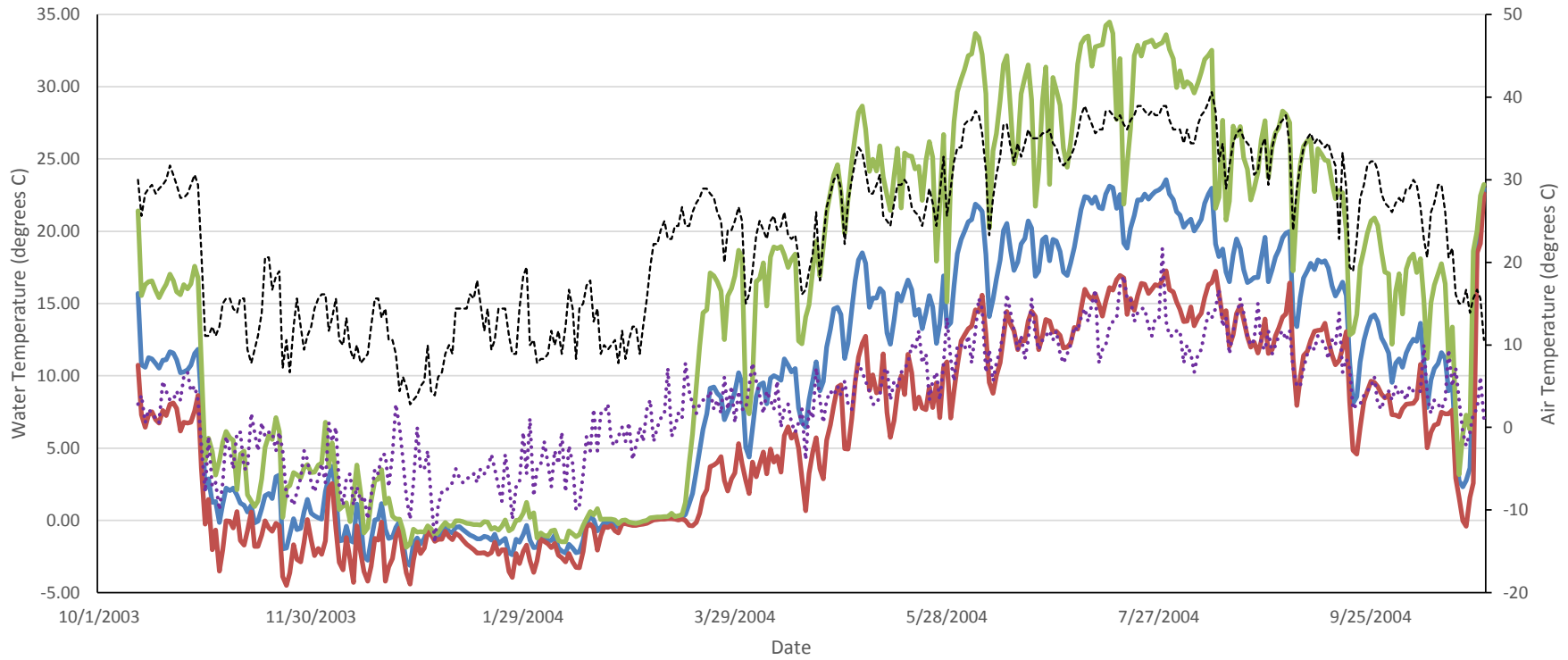


— Average Daily Water Temperature

— Minimum Daily Water Temperature

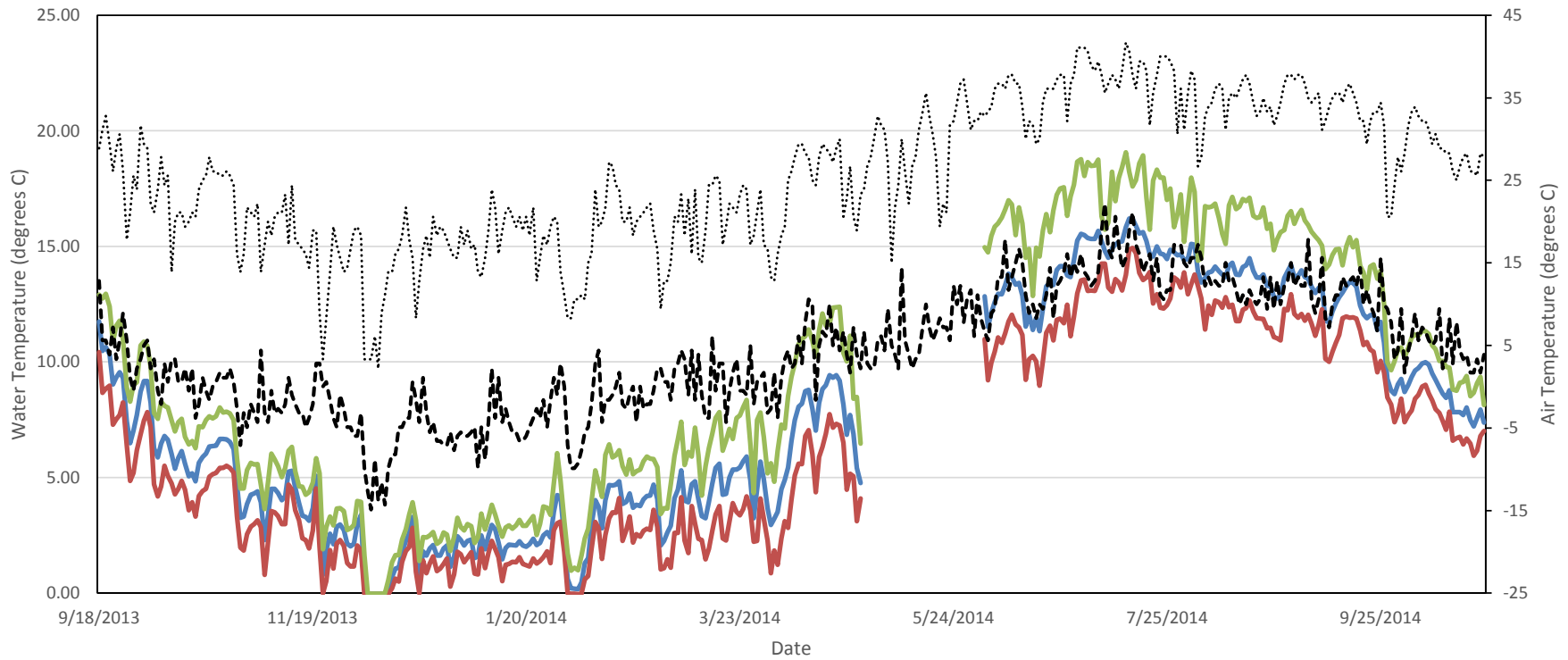
— Maximum Daily Water Temperature

Comparison between Water Temperature at Bishop Creek - Site 1 and Air Temperature at Bishop Airport Weather Station



— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature
- - - Maximum Daily Air Temperature ····· Minimum Daily Air Temperature

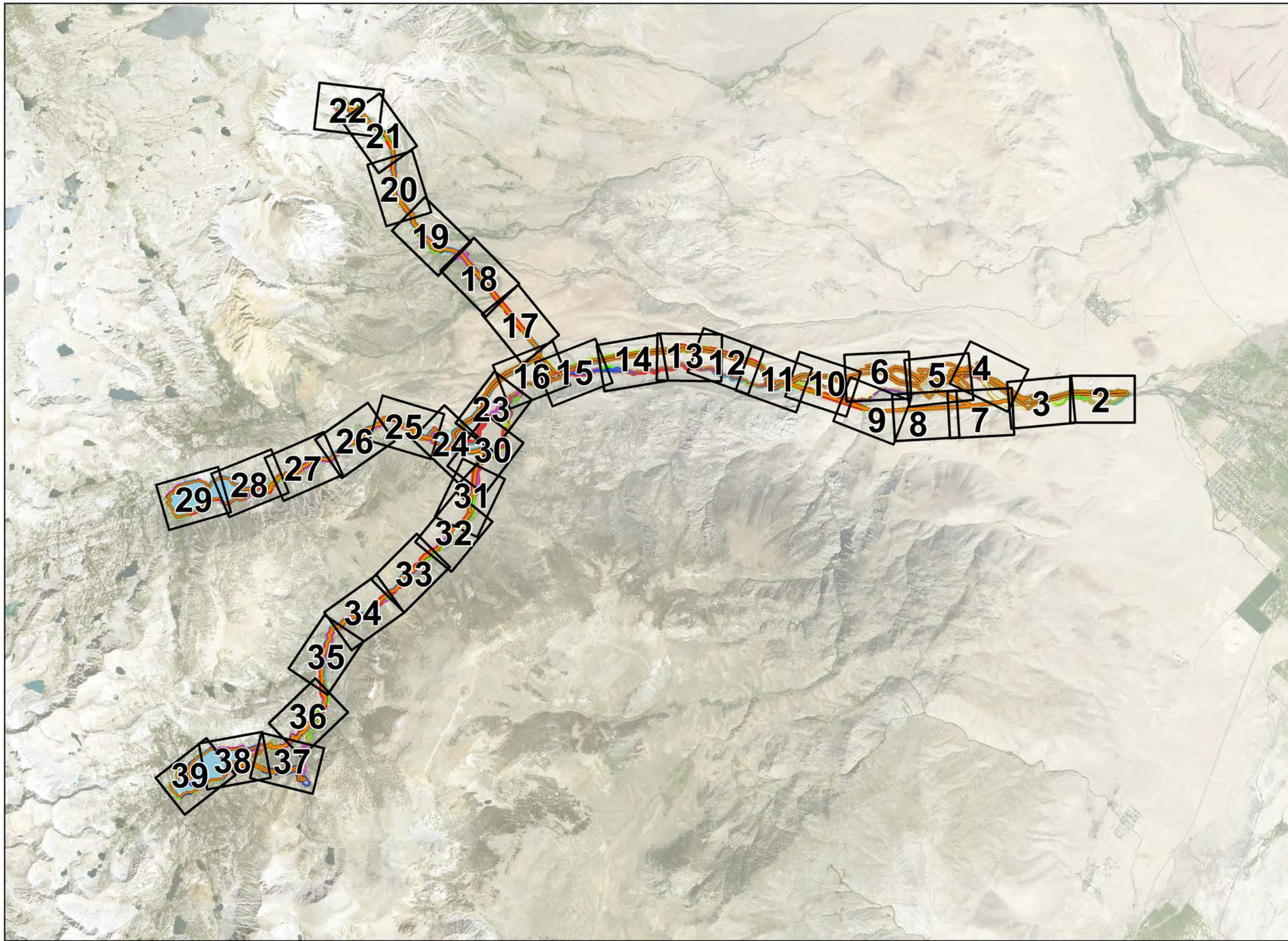
Comparison of Water Temperature at Bishop Site 4 with Air Temperature at Bishop Airport (COOP Station USW00023157)



— Average Daily Water Temperature — Minimum Daily Water Temperature — Maximum Daily Water Temperature
..... Maximum Daily Air Temperature - - - Minimum Daily Air Temperature

APPENDIX E
BOTANICAL RESOURCES
WETLANDS MAPBOOK

MAY 2019



- ▣ Mapbook Sheet Extent
- ▭ Project Boundary
- NWI Wetland Type**
- ▭ Freshwater Forested/Shrub Wetland
- ▭ Riverine
- CALVEG Type (in current extent)**
- ▭ AC - Alpine Grasses and Forbs
- ▭ AX - Alpine Mixed Scrub
- ▭ BA - Barren
- ▭ BB - Bitterbrush
- ▭ BC - Saltbush
- ▭ BM - Curlleaf Mountain Mahogany
- ▭ BQ - Great Basin Mixed Scrub
- ▭ BR - Rabbitbrush
- ▭ BS - Basin Sagebrush
- ▭ BZ - Great Basin - Desert Mixed Scrub
- ▭ DA - Blackbush
- ▭ EP - Eastside Pine
- ▭ HG - Annual Grasses and Forbs
- ▭ HJ - Wet Meadows
- ▭ HM - Perennial Grasses and Forbs
- ▭ IB - Urban-related Bare Soil
- ▭ IW - Urban or Industrial Impoundment
- ▭ LP - Lodgepole Pine
- ▭ NQ - High Desert Mixed Scrub
- ▭ NR - Riparian Mixed Hardwood
- ▭ PJ - Singleleaf Pinyon Pine
- ▭ PL - Limber Pine
- ▭ QC - Canyon Live Oak
- ▭ QO - Willow
- ▭ QQ - Quaking Aspen
- ▭ SA - Subalpine Conifers
- ▭ W2 - Perennial Lake or Pond
- ▭ WB - Whitebark Pine
- ▭ WL - Willow (Shrub)

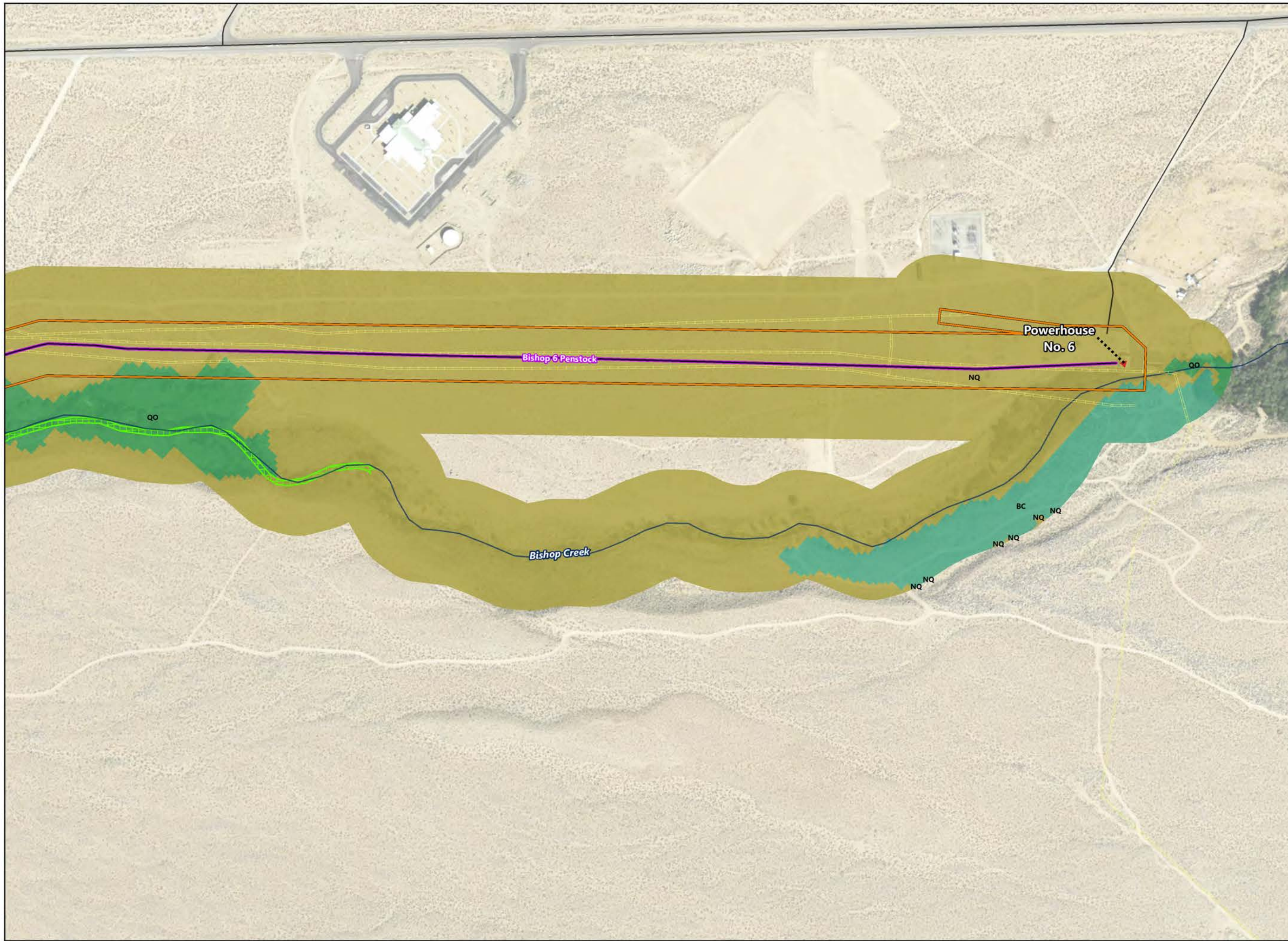


Vegetation & Wetland Classifications

Map No. 1 (Overview)

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet
 Projection: Lambert Conformal Conic
 Datum: North American 1983



- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BC - Saltbush
- NQ - High Desert Mixed Scrub
- QO - Willow

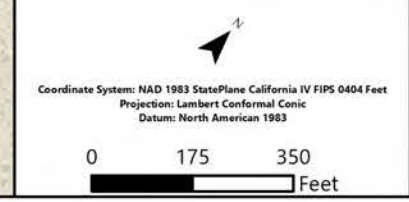
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

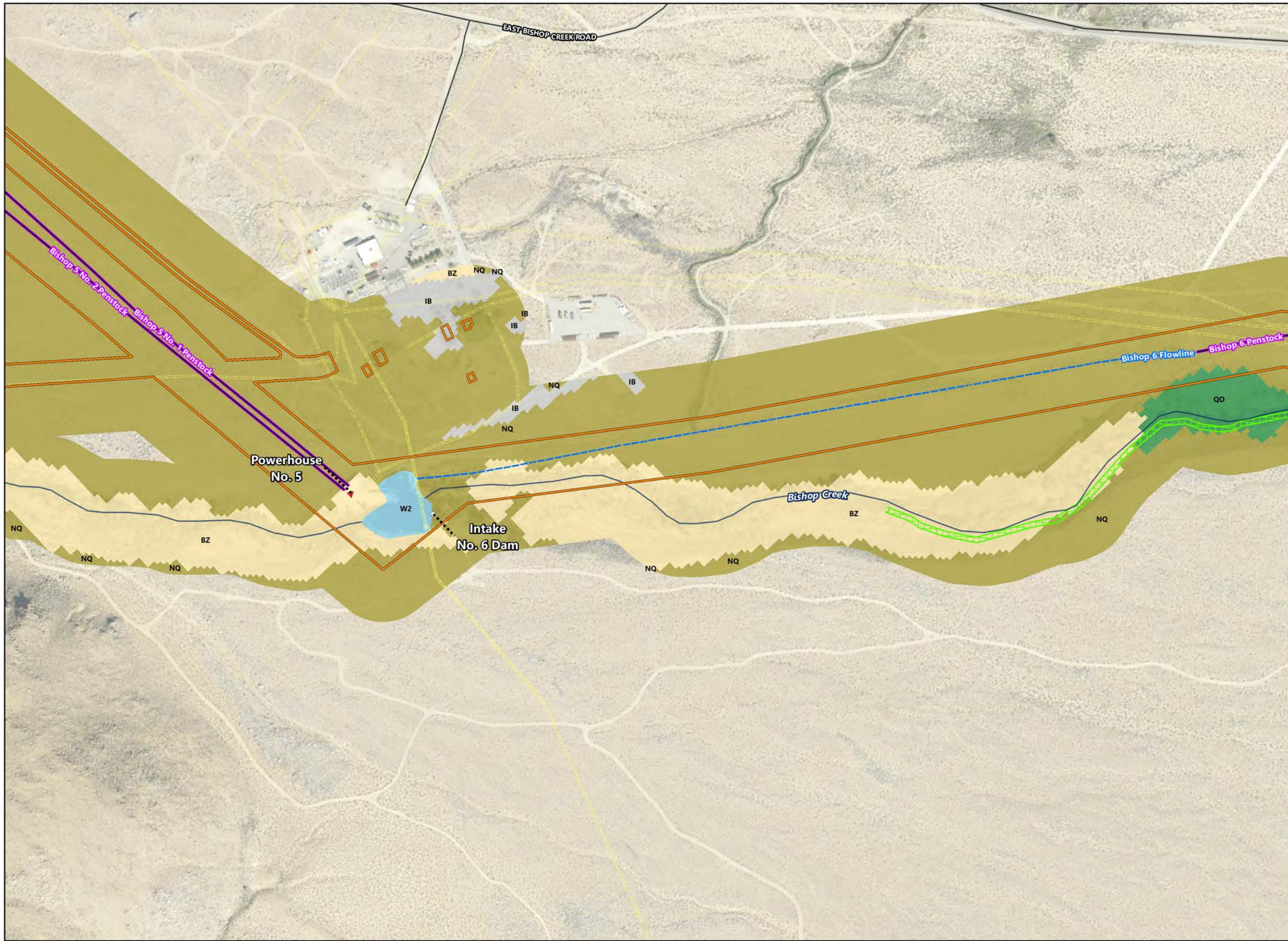


Vegetation & Wetland Classifications

Map No. 2

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BZ - Great Basin - Desert Mixed Scrub
- IB - Urban-related Bare Soil
- NQ - High Desert Mixed Scrub
- QO - Willow
- W2 - Perennial Lake or Pond

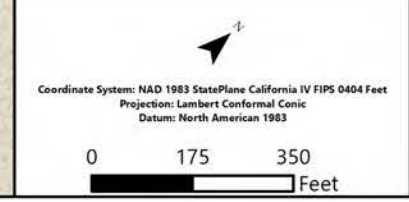
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

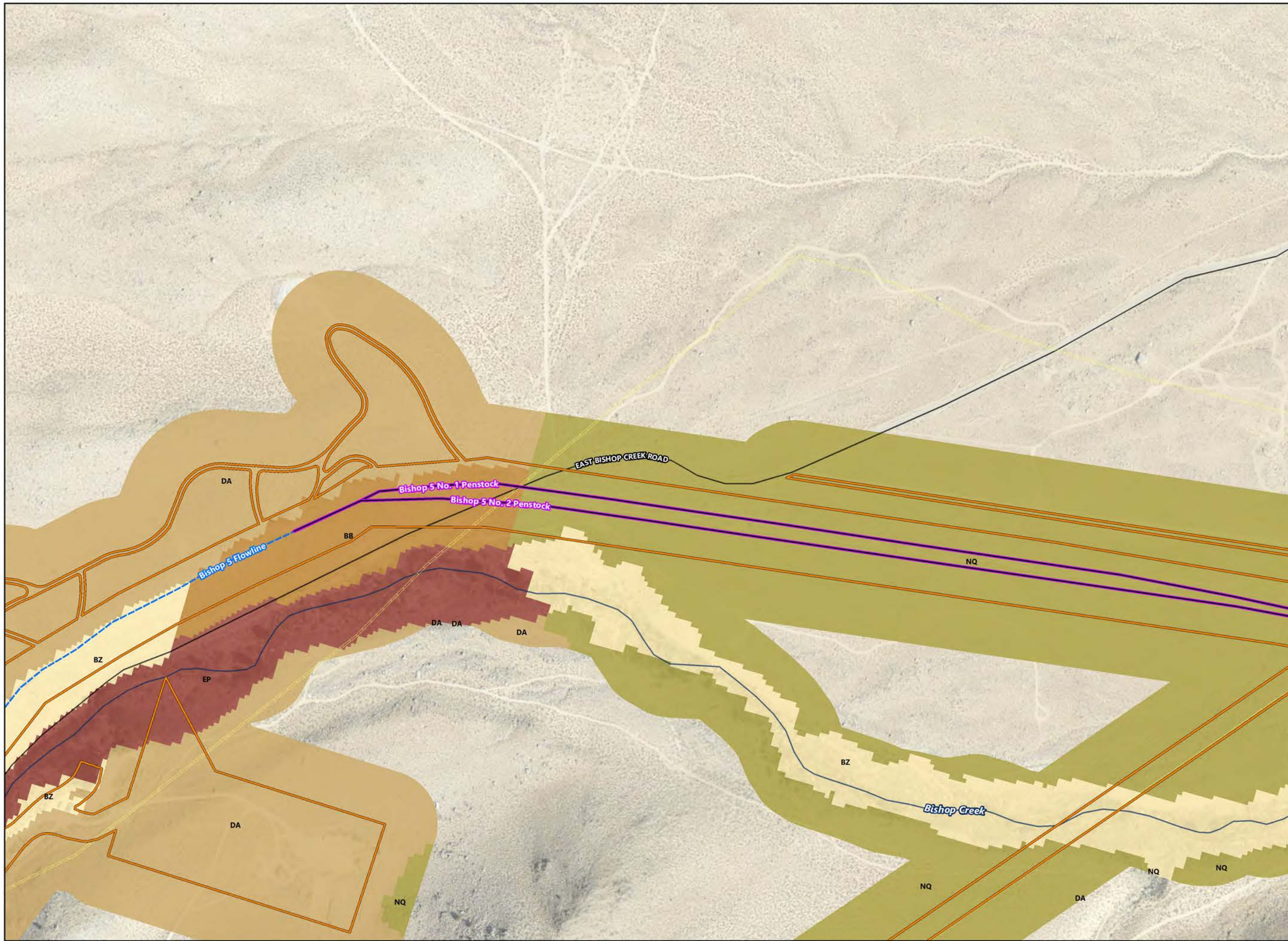


Vegetation & Wetland Classifications

Map No. 3

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BZ - Great Basin - Desert Mixed Scrub
- DA - Blackbush
- EP - Eastside Pine
- NQ - High Desert Mixed Scrub

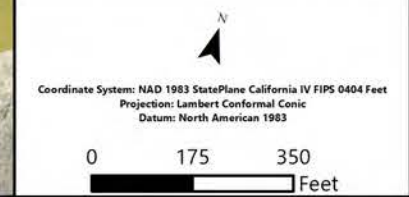
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.



Vegetation & Wetland Classifications

Map No. 4

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BZ - Great Basin - Desert Mixed Scrub
- DA - Blackbush
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- NQ - High Desert Mixed Scrub
- NR - Riparian Mixed Hardwood
- W2 - Perennial Lake or Pond

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.



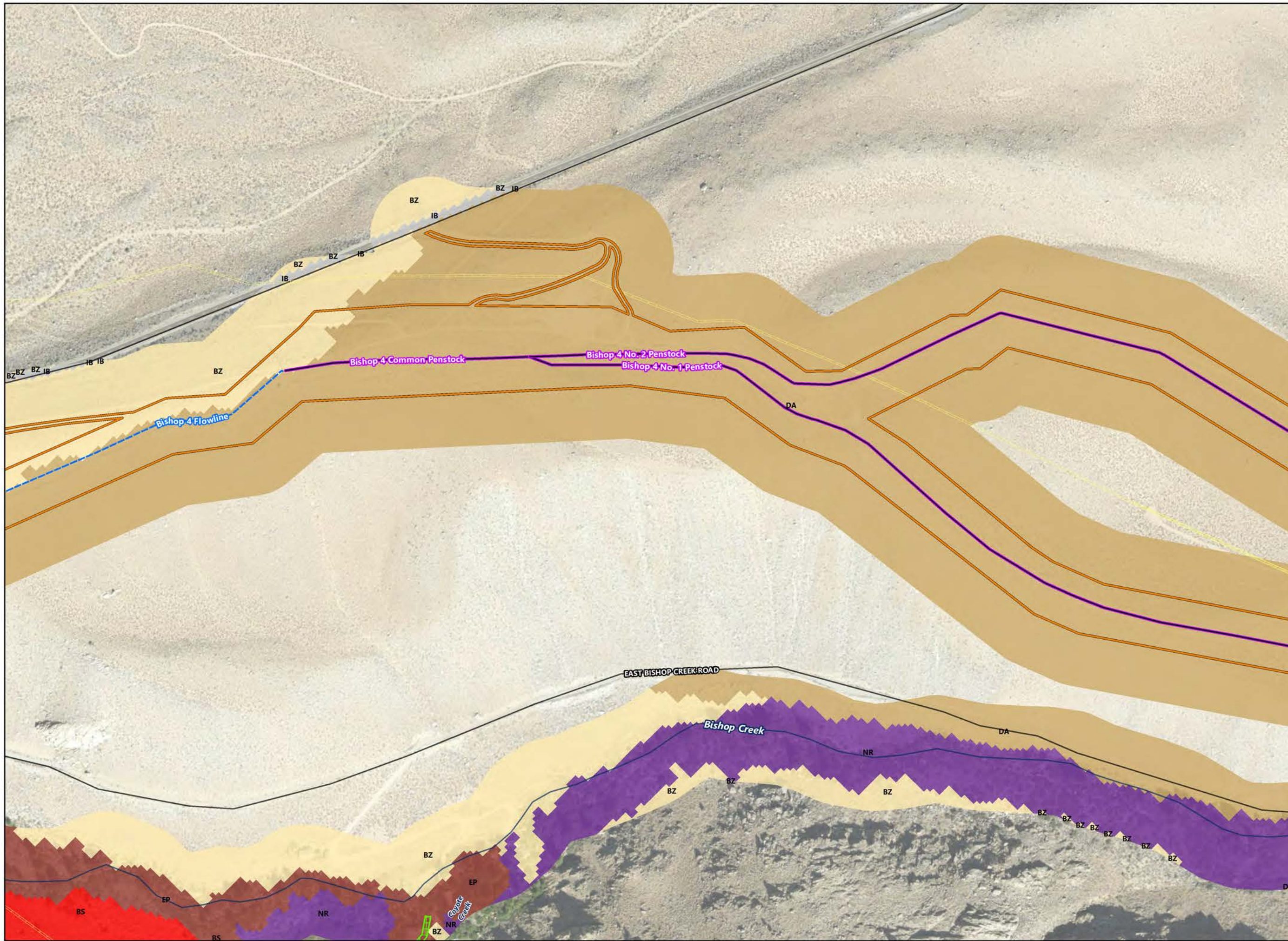
Vegetation & Wetland Classifications

Map No. 5

BISHOP CREEK HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet
Projection: Lambert Conformal Conic
Datum: North American 1983

0 175 350 Feet



- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BS - Basin Sagebrush
- BZ - Great Basin - Desert Mixed Scrub
- DA - Blackbush
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- NR - Riparian Mixed Hardwood

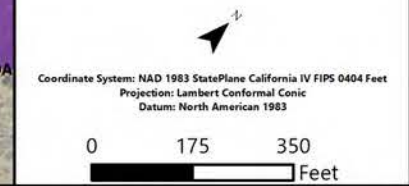
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

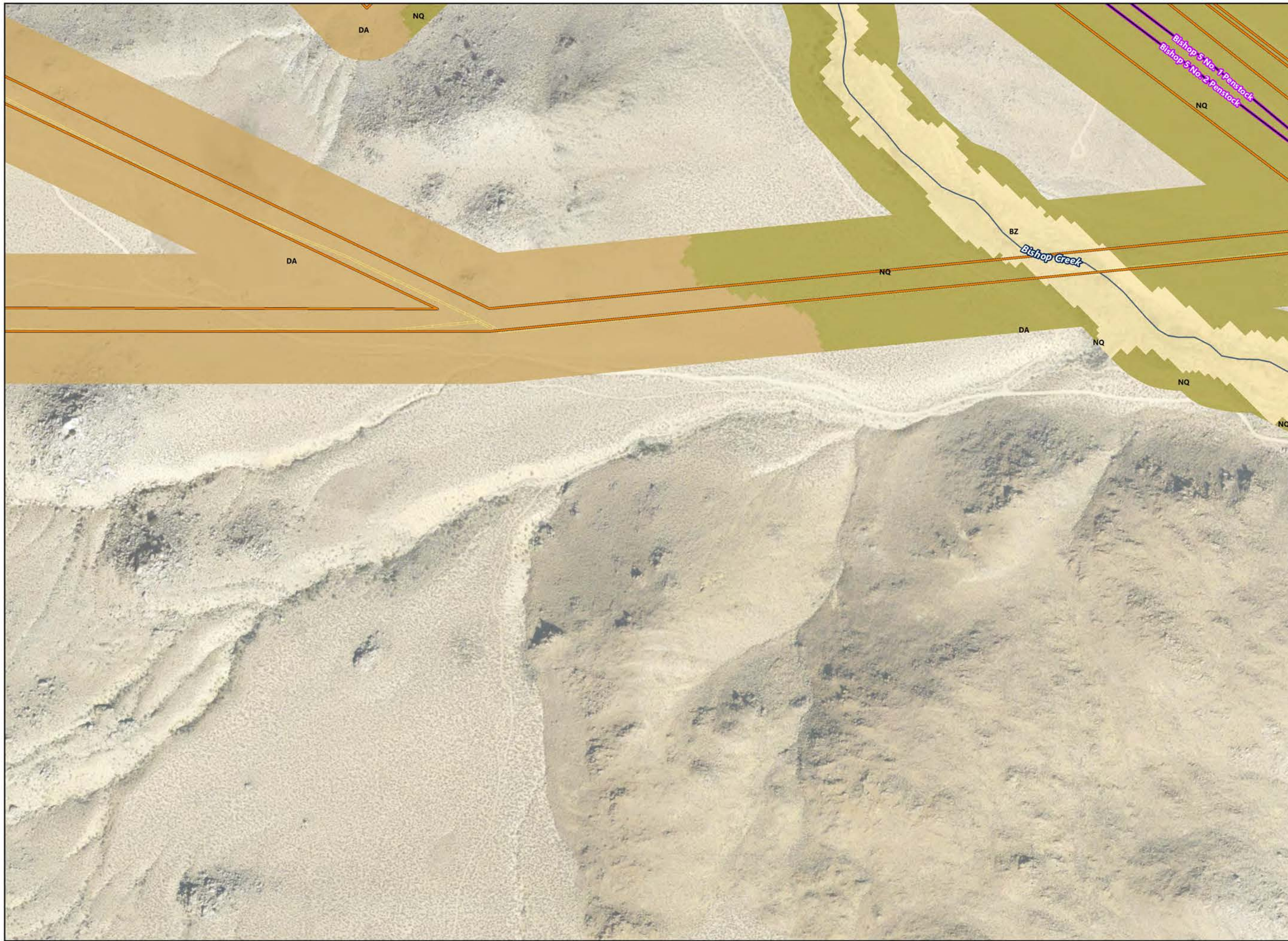


Vegetation & Wetland Classifications

Map No. 6

BISHOP CREEK HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BZ - Great Basin - Desert Mixed Scrub
- DA - Blackbush
- NQ - High Desert Mixed Scrub

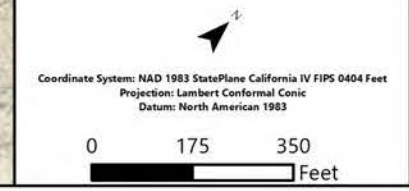
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.



Vegetation & Wetland Classifications

Map No. 7

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BZ - Great Basin - Desert Mixed Scrub
- DA - Blackbush
- NR - Riparian Mixed Hardwood

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

See Map 1 for details.



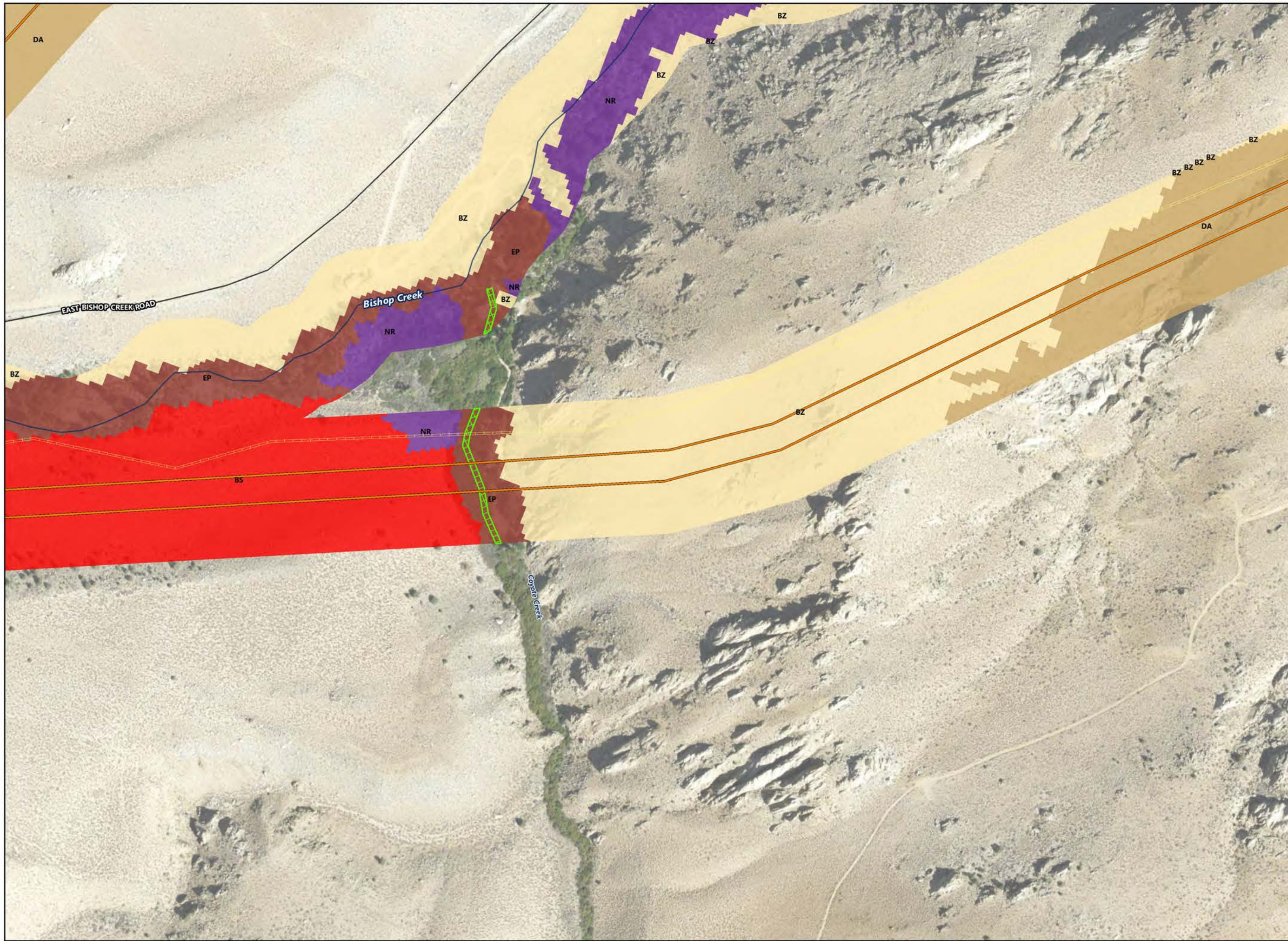
Vegetation & Wetland Classifications

Map No. 8

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet
 Projection: Lambert Conformal Conic
 Datum: North American 1983

0 175 350
 Feet



- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BS - Basin Sagebrush
- BZ - Great Basin - Desert Mixed Scrub
- DA - Blackbush
- EP - Eastside Pine
- NR - Riparian Mixed Hardwood

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

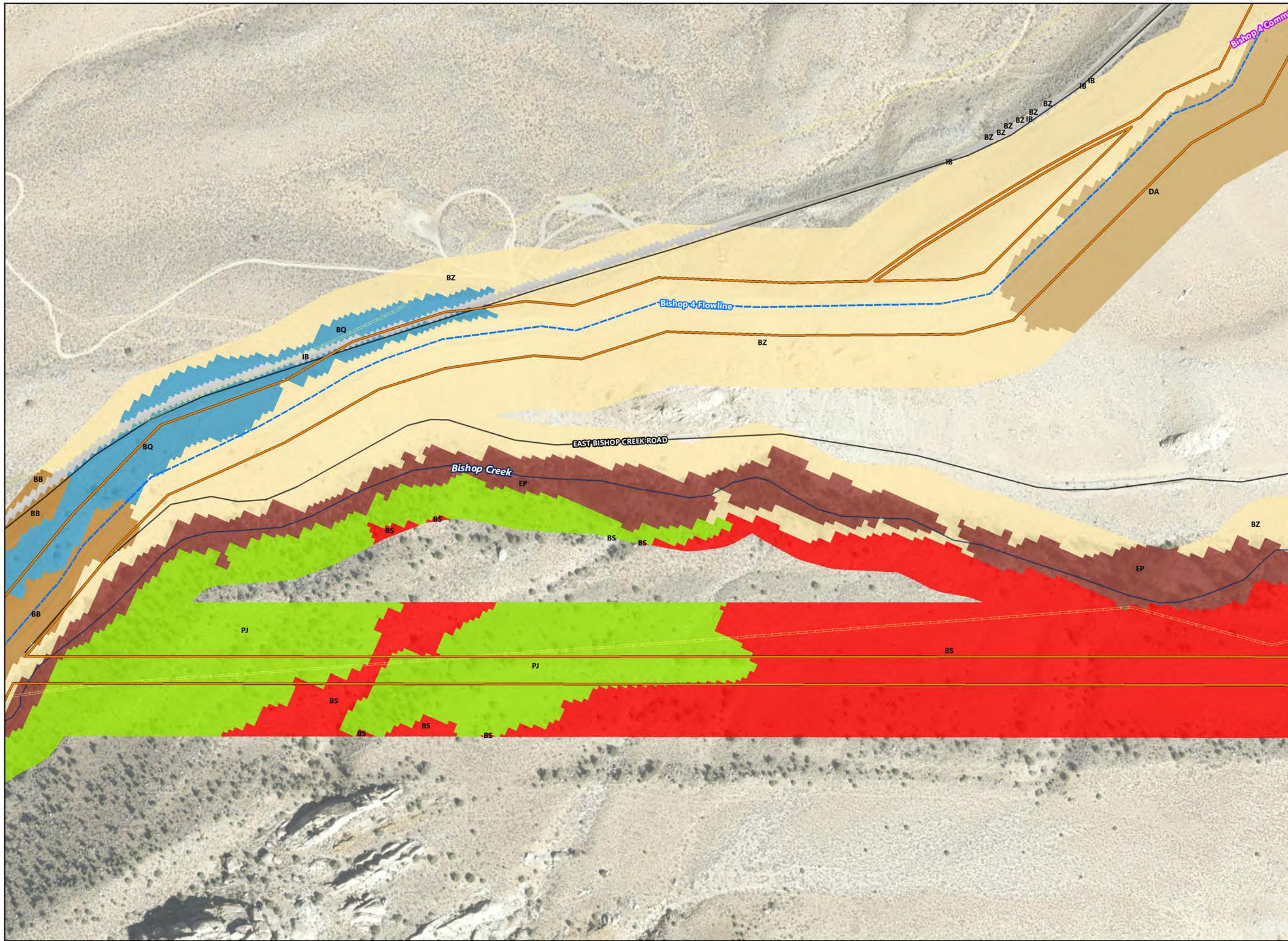


Vegetation & Wetland Classifications

Map No. 9

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- BZ - Great Basin - Desert Mixed Scrub
- DA - Blackbush
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- PJ - Singleleaf Pinyon Pine

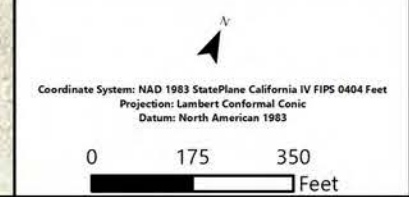
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

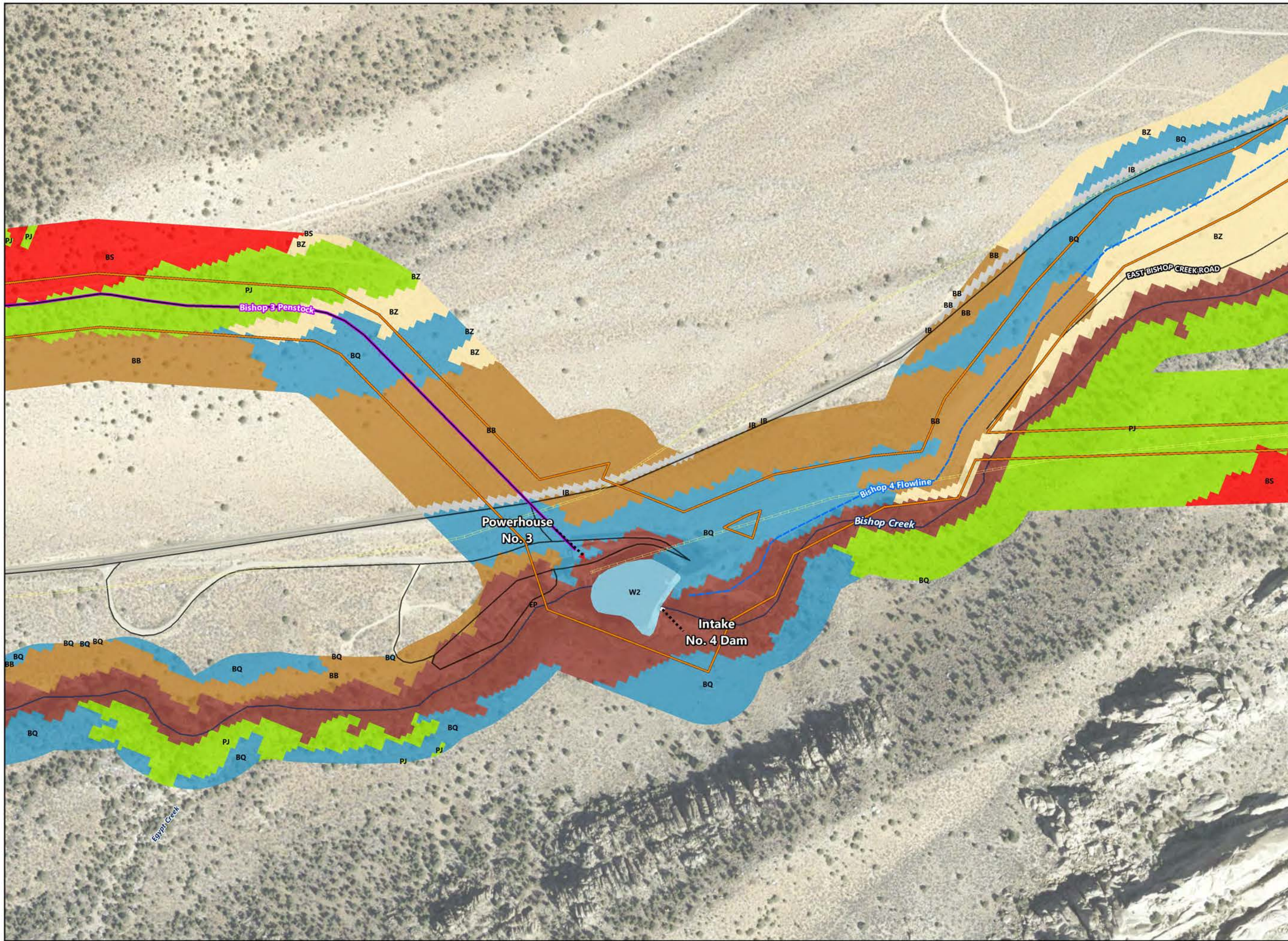


Vegetation & Wetland Classifications

Map No. 10

BISHOP CREEK HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- BZ - Great Basin - Desert Mixed Scrub
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- PJ - Singleleaf Pinyon Pine
- W2 - Perennial Lake or Pond

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

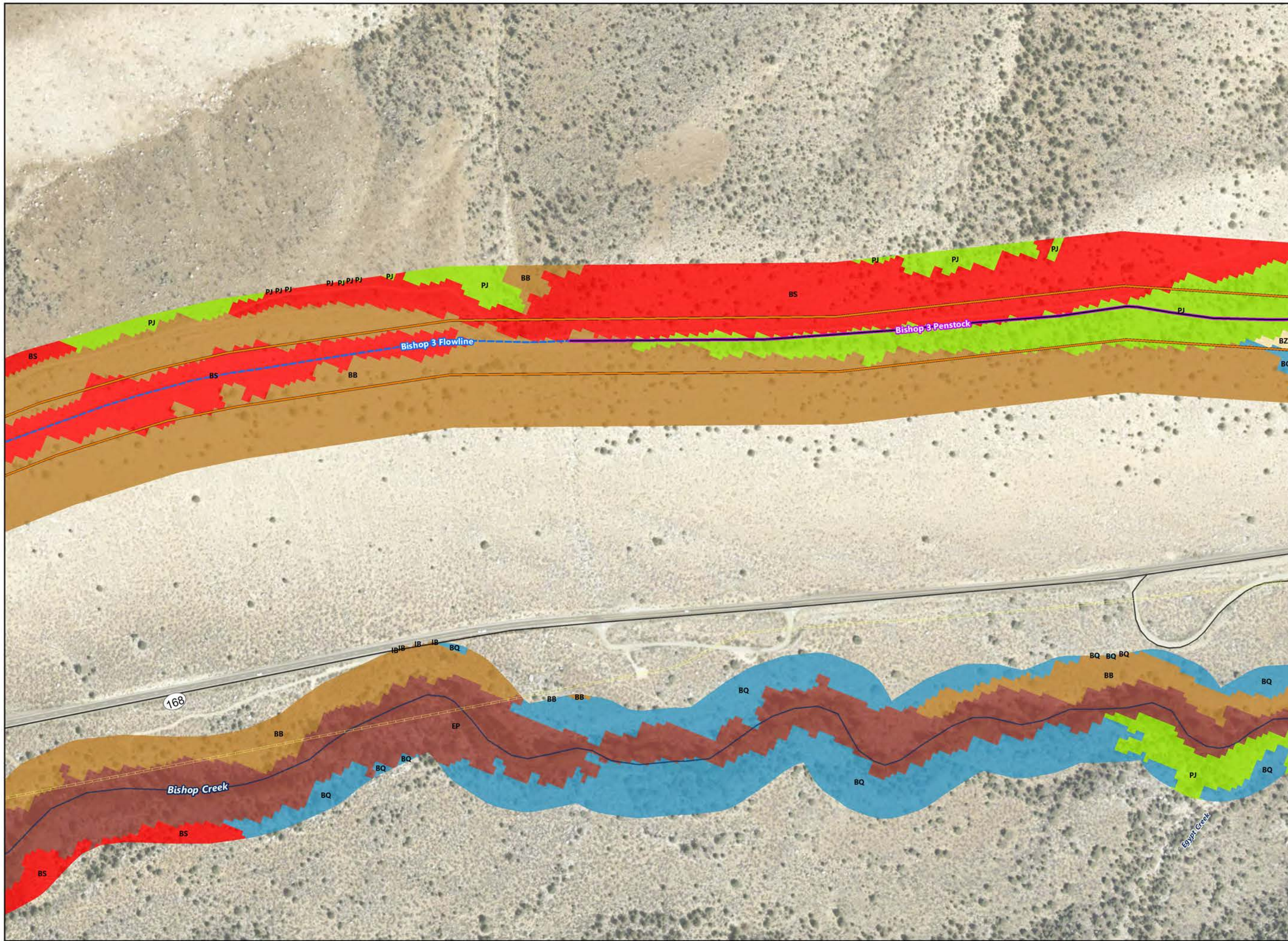


Vegetation & Wetland Classifications

Map No. 11

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- BZ - Great Basin - Desert Mixed Scrub
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- PJ - Singleleaf Pinyon Pine

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

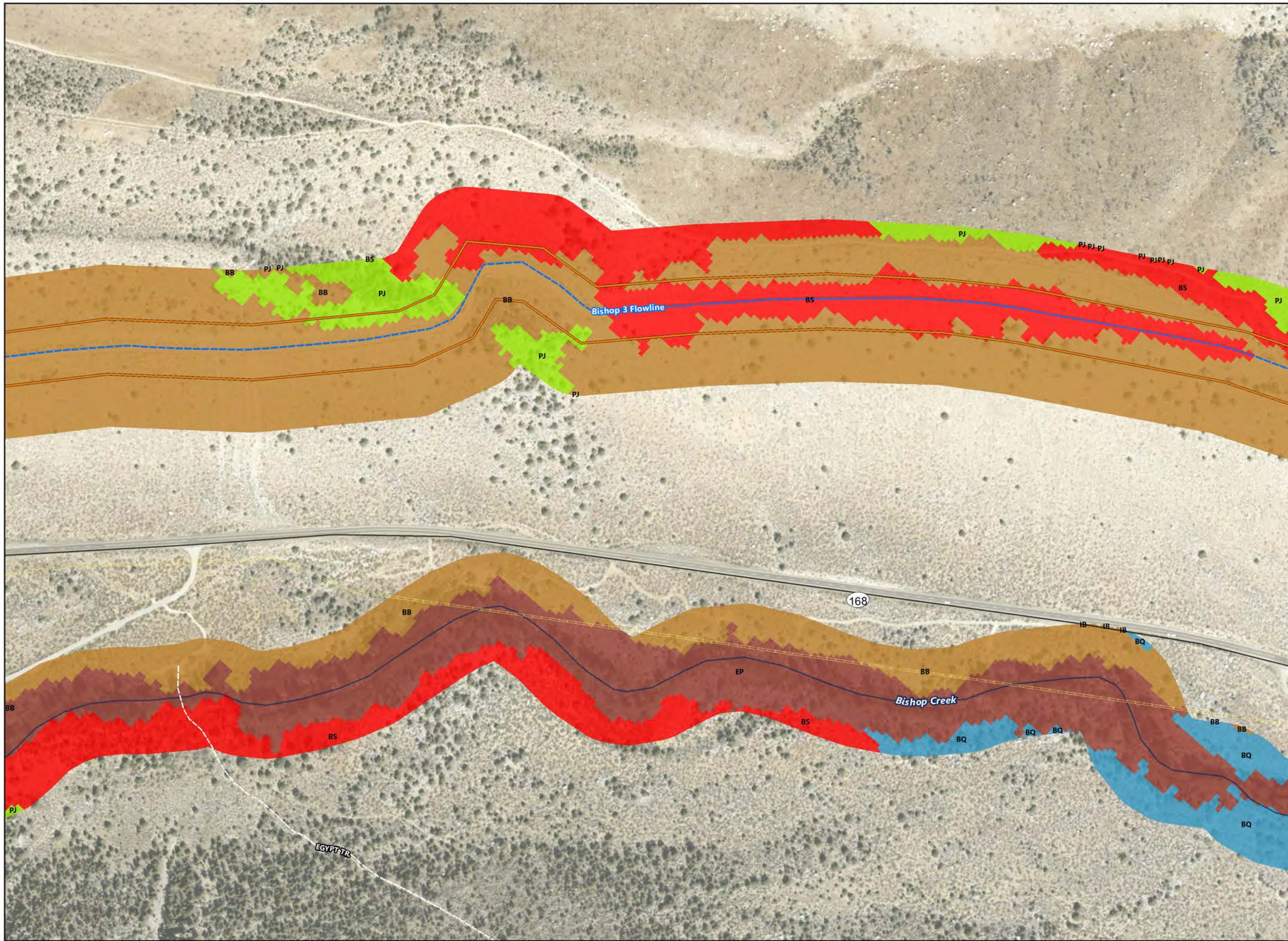


Vegetation & Wetland Classifications

Map No. 12

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- PJ - Singleleaf Pinyon Pine

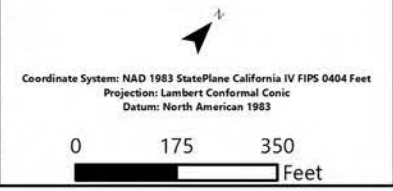
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

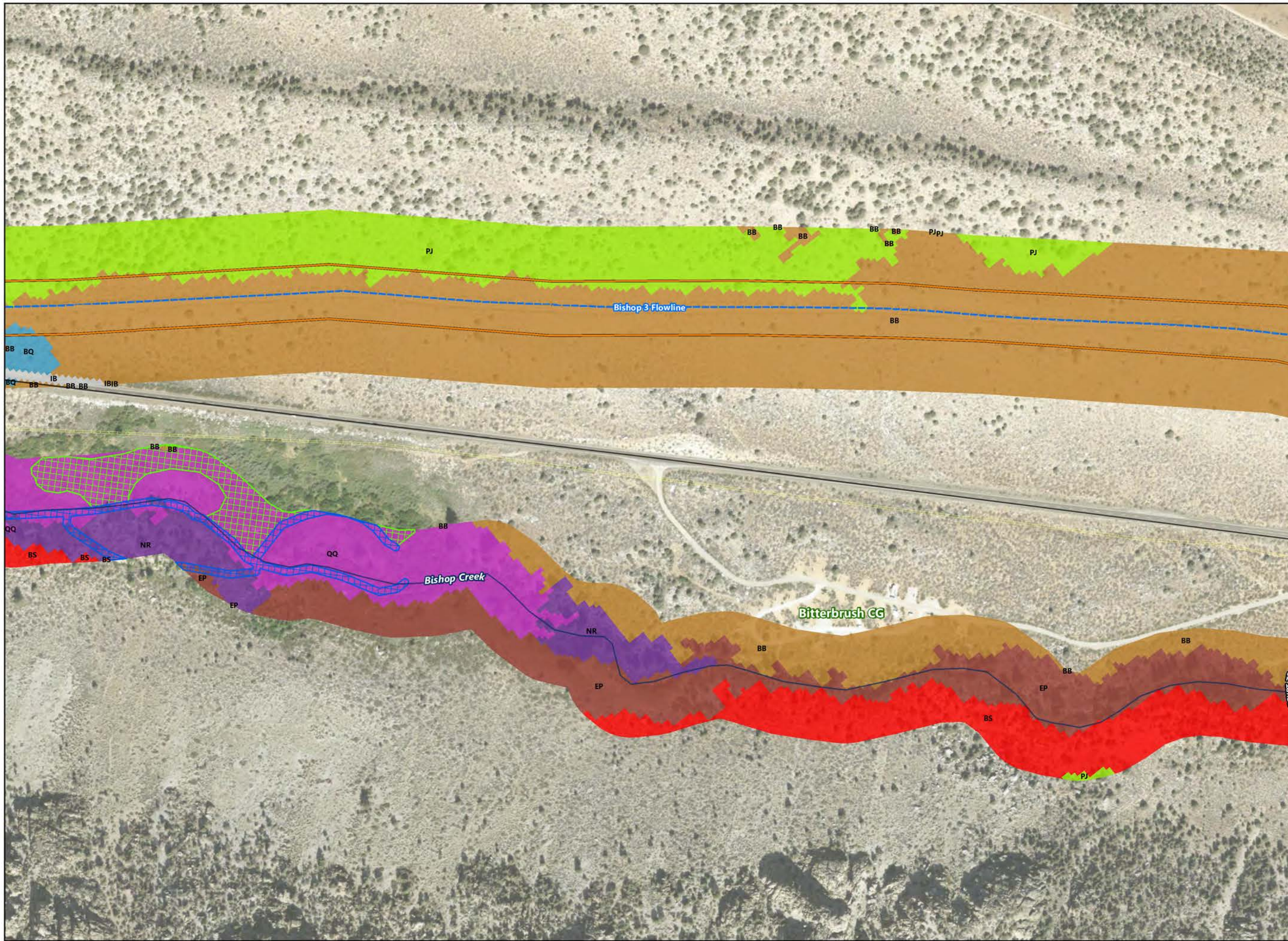


Vegetation & Wetland Classifications

Map No. 13

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- NR - Riparian Mixed Hardwood
- PJ - Singleleaf Pinyon Pine
- QQ - Quaking Aspen

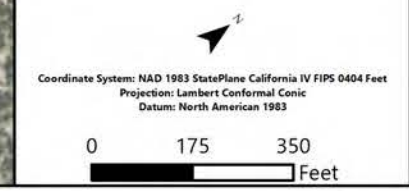
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

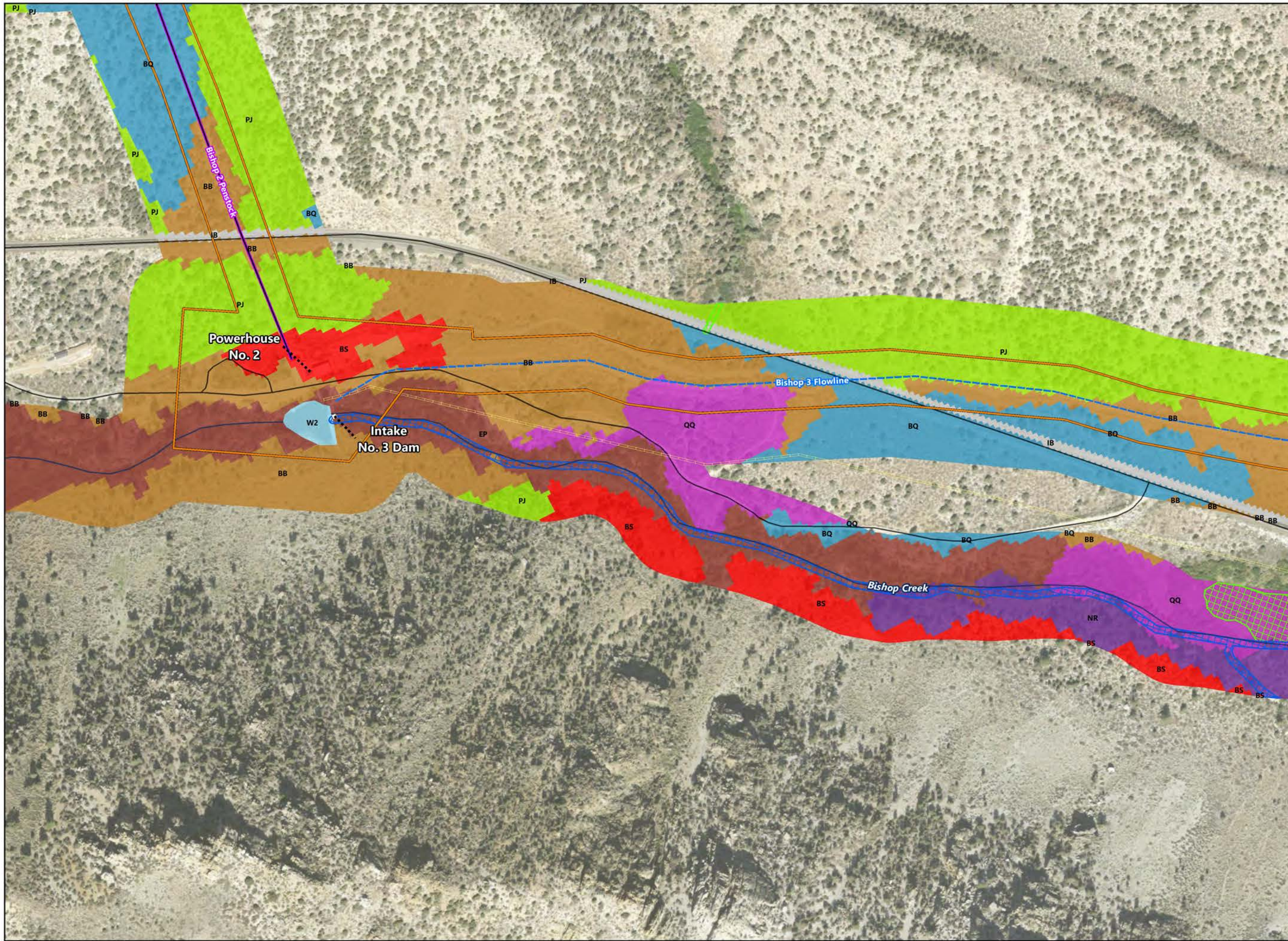


Vegetation & Wetland Classifications

Map No. 14

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- NR - Riparian Mixed Hardwood
- PJ - Singleleaf Pinyon Pine
- QQ - Quaking Aspen
- W2 - Perennial Lake or Pond

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.



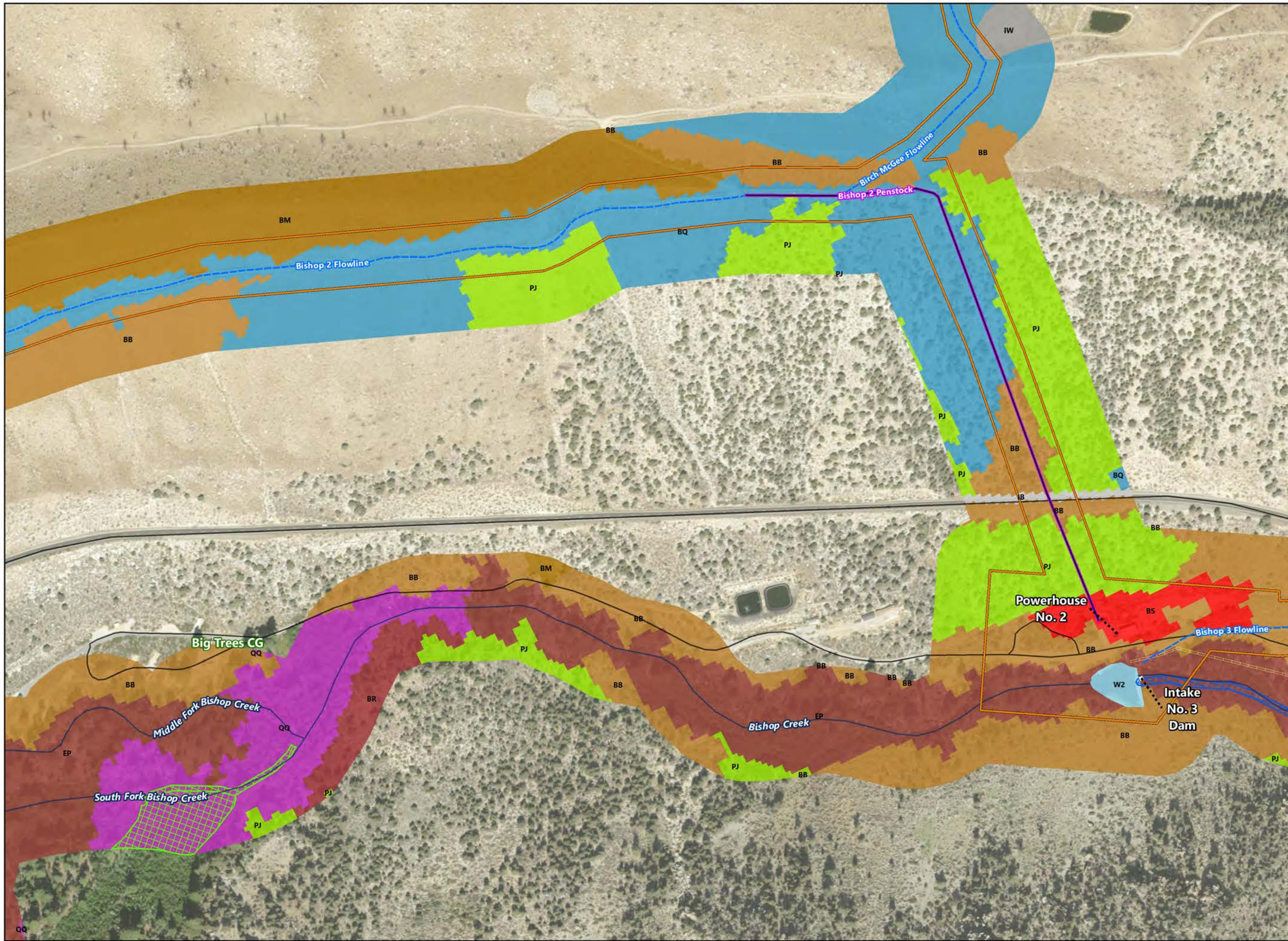
Vegetation & Wetland Classifications

Map No. 15

BISHOP CREEK HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet
Projection: Lambert Conformal Conic
Datum: North American 1983

0 175 350 Feet



- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BM - Curleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BR - Rabbitbrush
- BS - Basin Sagebrush
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- IW - Urban or Industrial Impoundment
- PJ - Singleleaf Pinyon Pine
- QQ - Quaking Aspen
- W2 - Perennial Lake or Pond

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

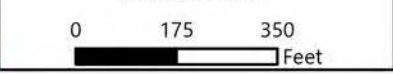


Vegetation & Wetland Classifications

Map No. 16

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet
Projection: Lambert Conformal Conic
Datum: North American 1983





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BM - Curlleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- IW - Urban or Industrial Impoundment
- PJ - Singleleaf Pinyon Pine

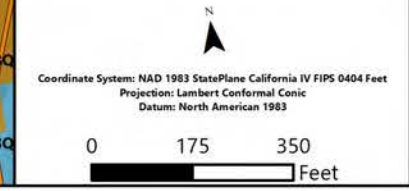
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

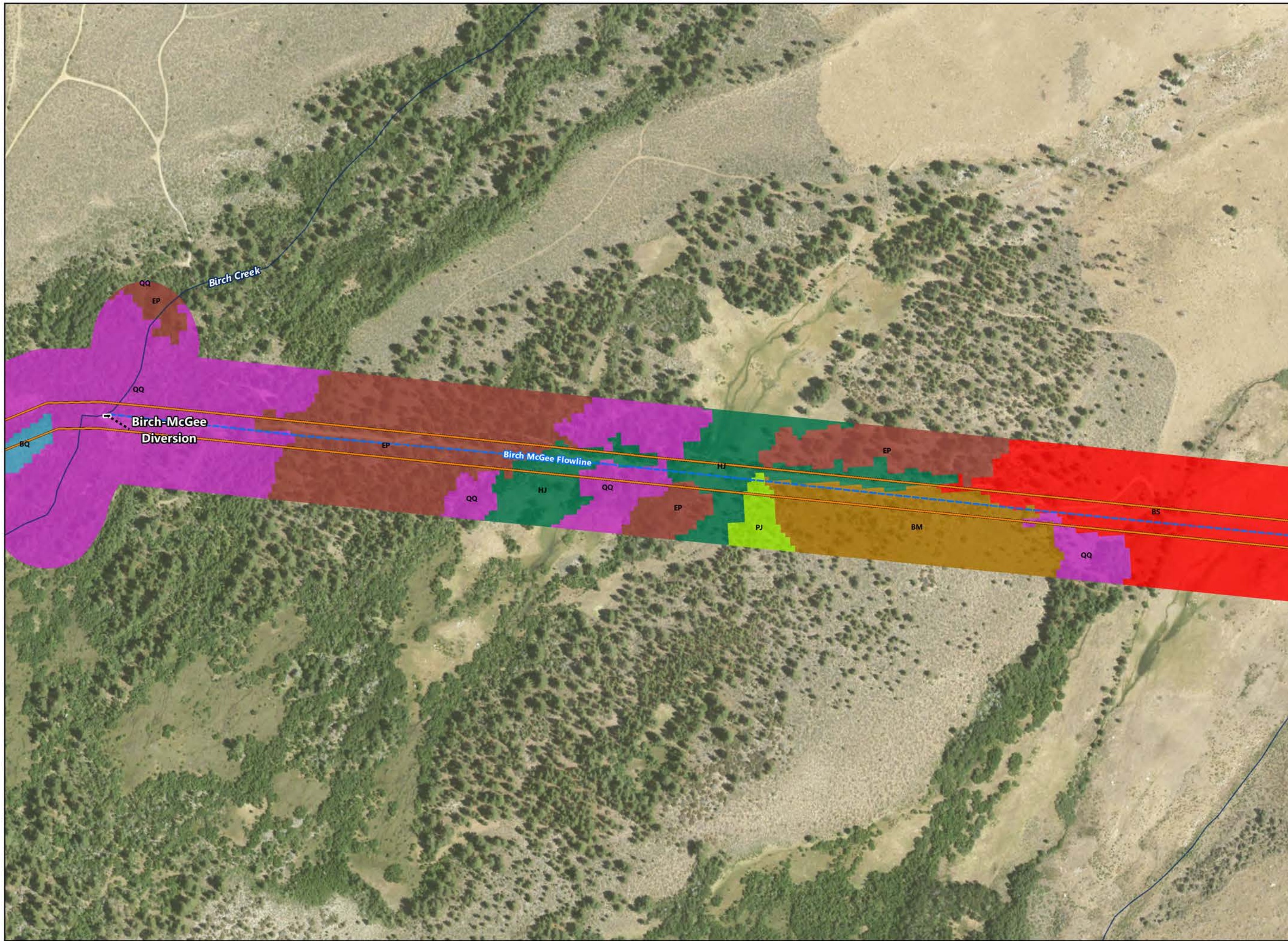


Vegetation & Wetland Classifications

Map No. 17

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BM - Curlleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- EP - Eastside Pine
- HJ - Wet Meadows
- PJ - Singleleaf Pinyon Pine
- QQ - Quaking Aspen

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

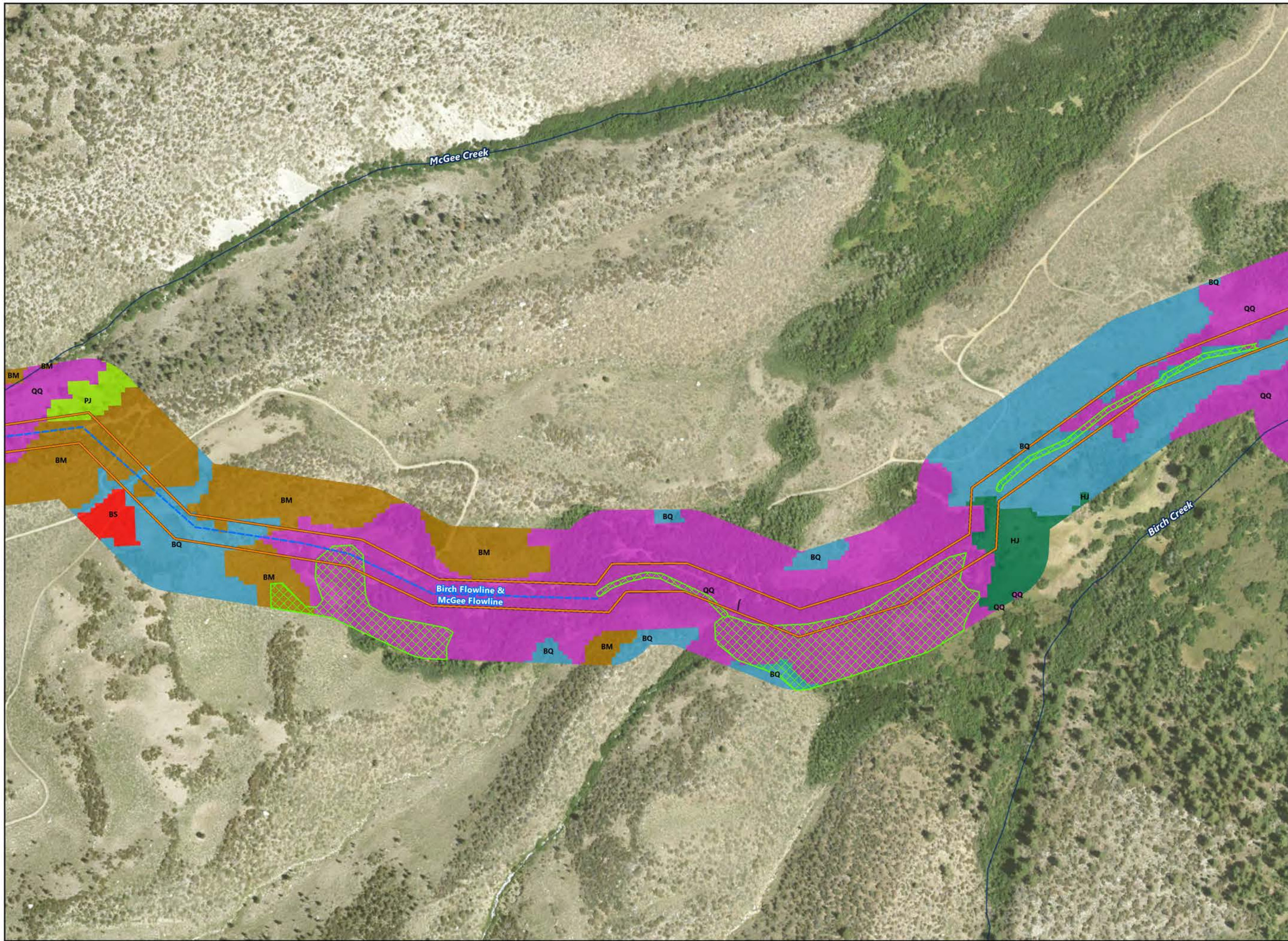


Vegetation & Wetland Classifications

Map No. 18

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line

- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
 - Riverine

- CALVEG Type (in current extent)**
- BM - Curlleaf Mountain Mahogany
 - BQ - Great Basin Mixed Scrub
 - BS - Basin Sagebrush
 - HJ - Wet Meadows
 - PJ - Singleleaf Pinyon Pine
 - QQ - Quaking Aspen

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

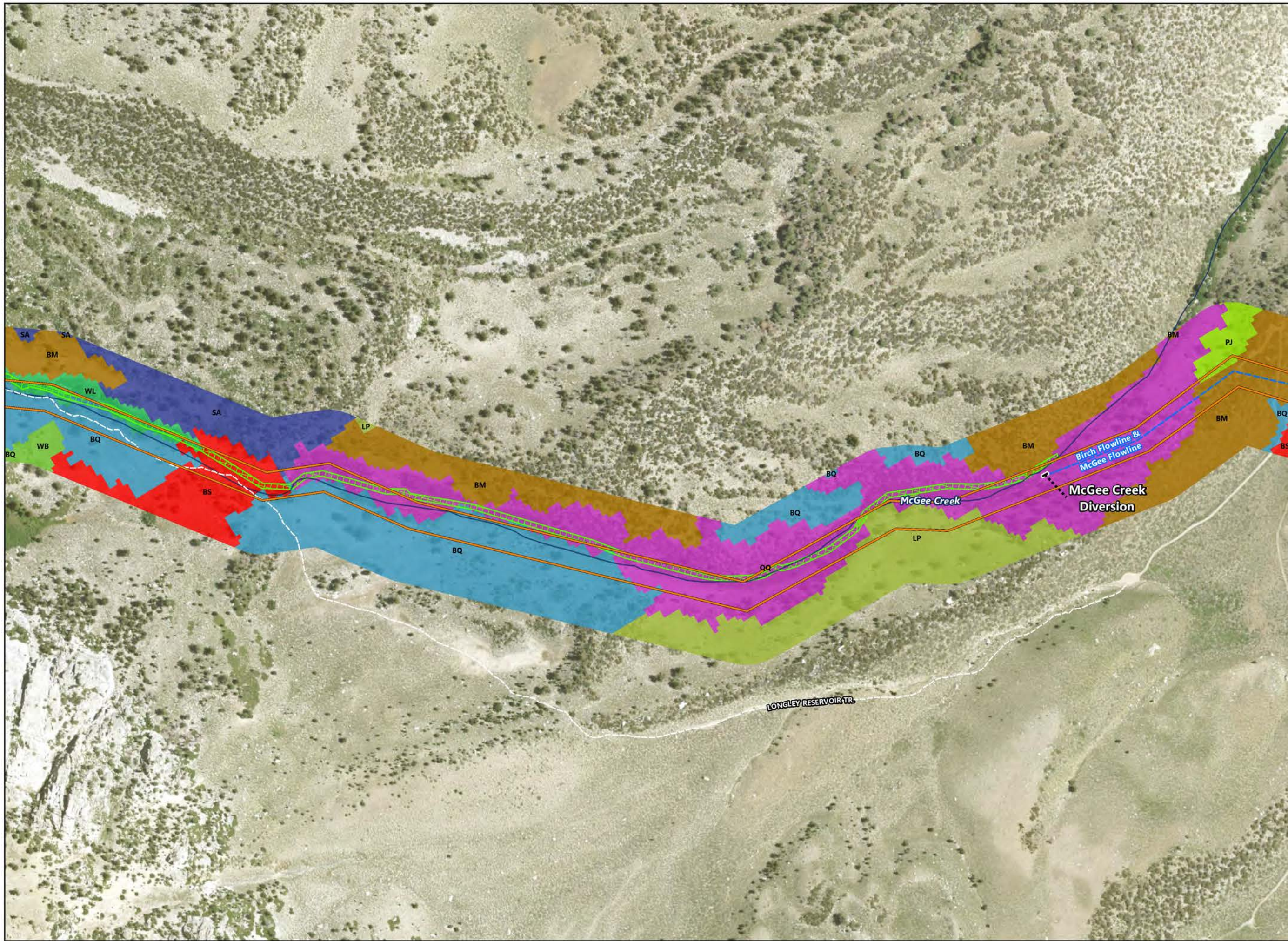


Vegetation & Wetland Classifications

Map No. 19

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BM - Curlleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- LP - Lodgepole Pine
- PJ - Singleleaf Pinyon Pine
- QQ - Quaking Aspen
- SA - Subalpine Conifers
- WB - Whitebark Pine
- WL - Willow (Shrub)

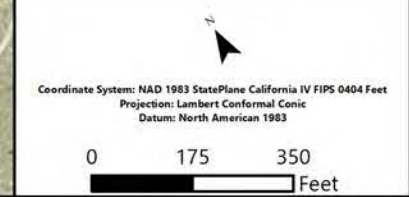
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

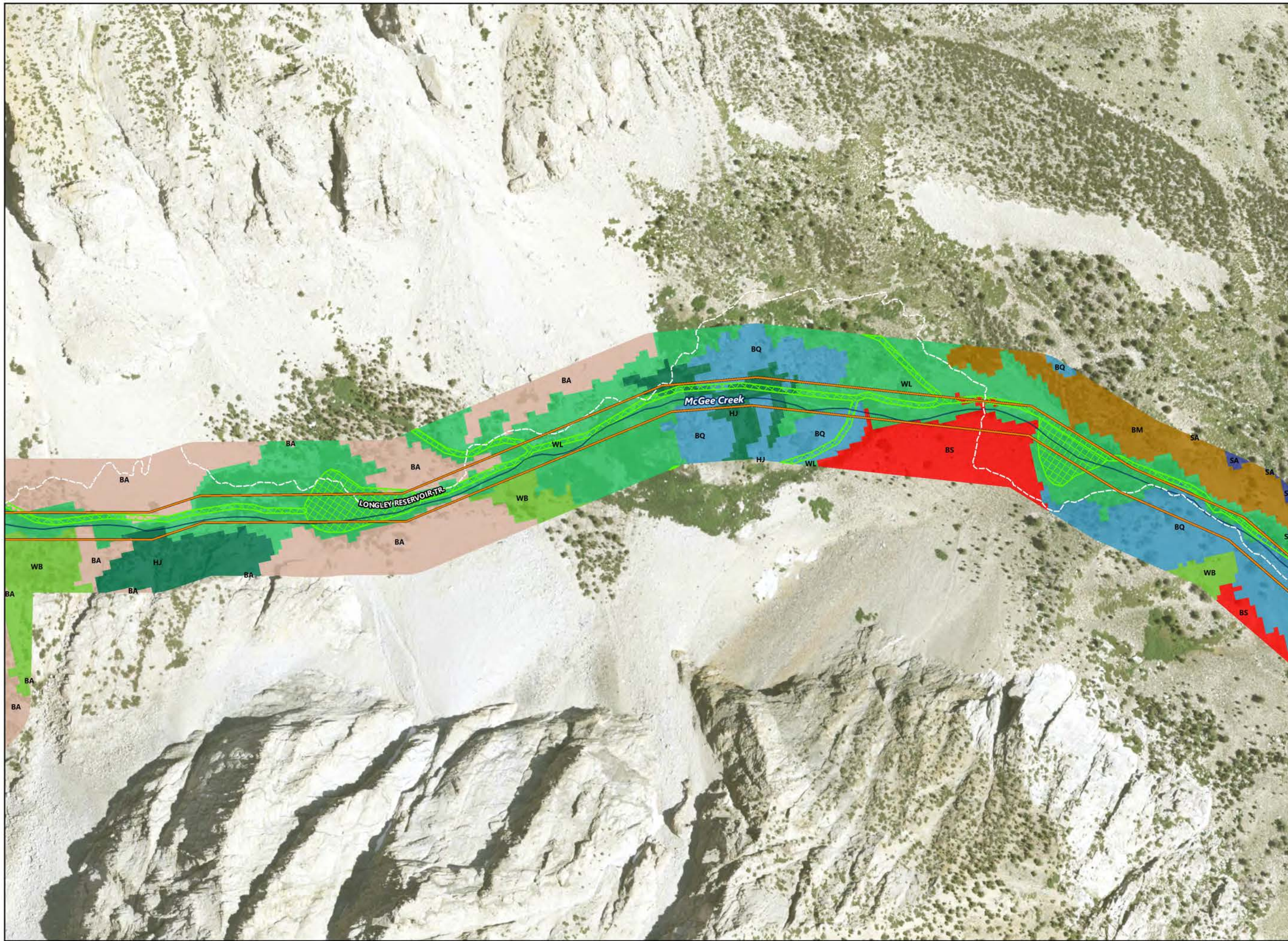


Vegetation & Wetland Classifications

Map No. 20

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BA - Barren
- BM - Curleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- HJ - Wet Meadows
- SA - Subalpine Conifers
- WB - Whitebark Pine
- WL - Willow (Shrub)

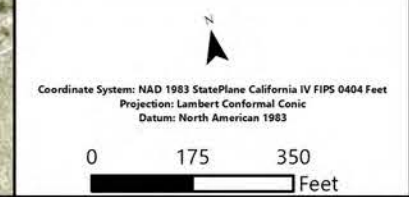
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

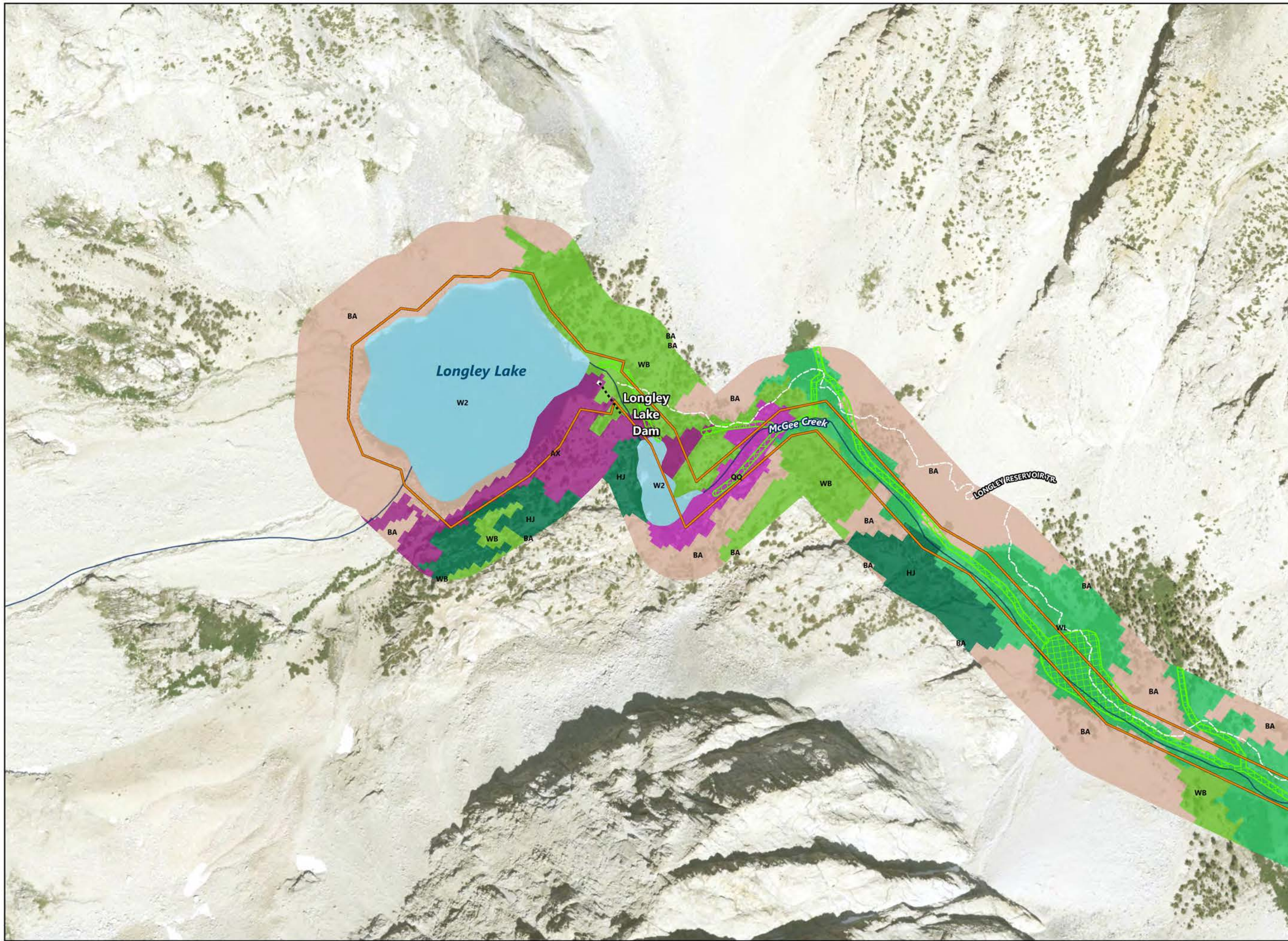


Vegetation & Wetland Classifications

Map No. 21

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- AX - Alpine Mixed Scrub
- BA - Barren
- HJ - Wet Meadows
- QQ - Quaking Aspen
- W2 - Perennial Lake or Pond
- WB - Whitebark Pine
- WL - Willow (Shrub)

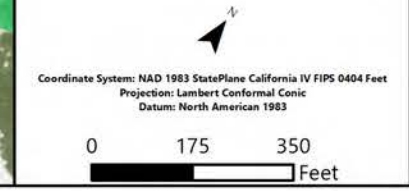
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

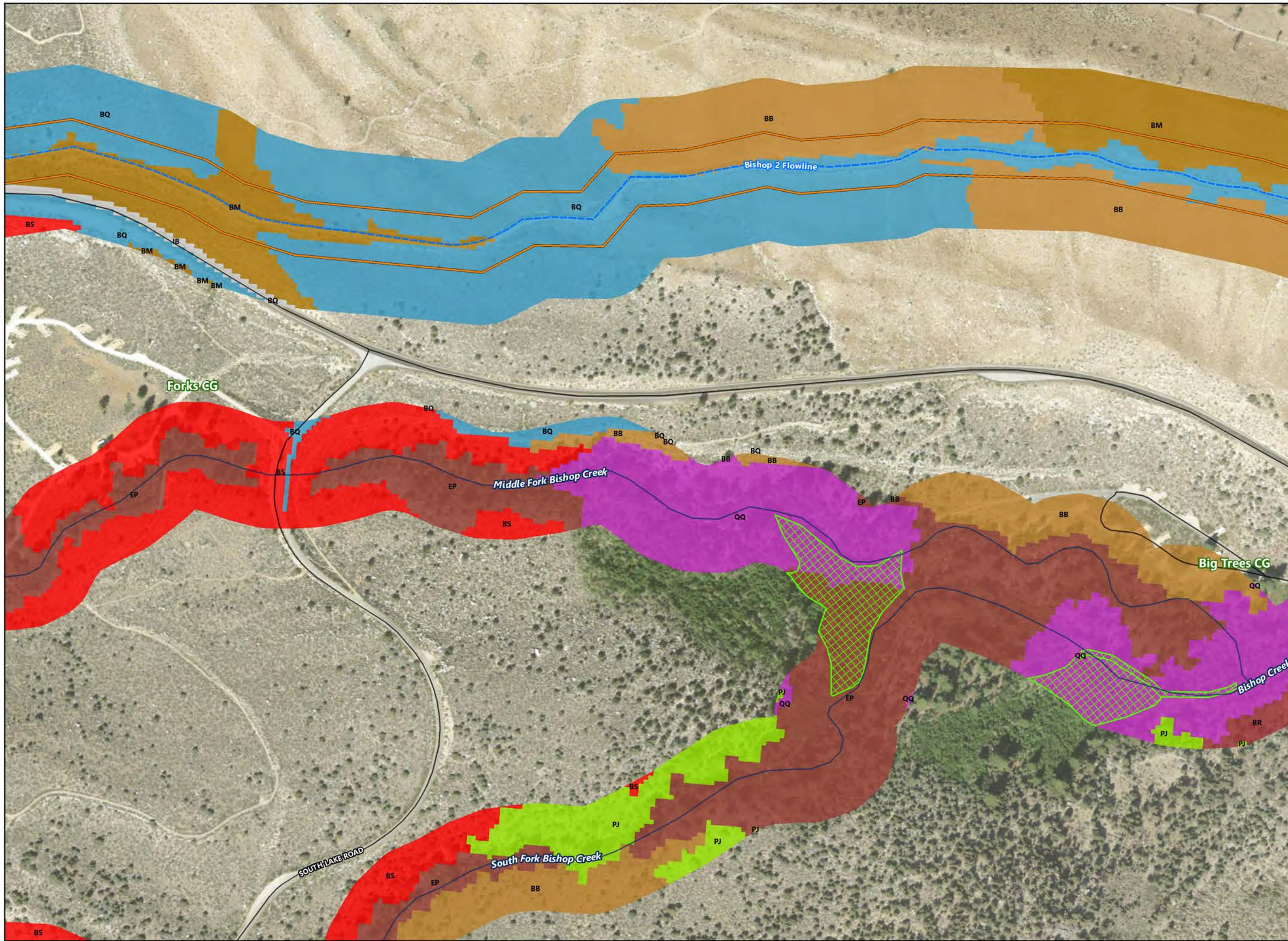


Vegetation & Wetland Classifications

Map No. 22

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BM - Curleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BR - Rabbitbrush
- BS - Basin Sagebrush
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- PJ - Singleleaf Pinyon Pine
- QQ - Quaking Aspen

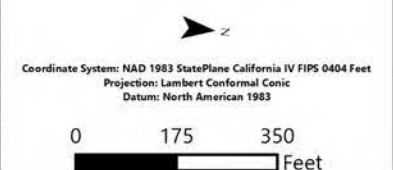
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

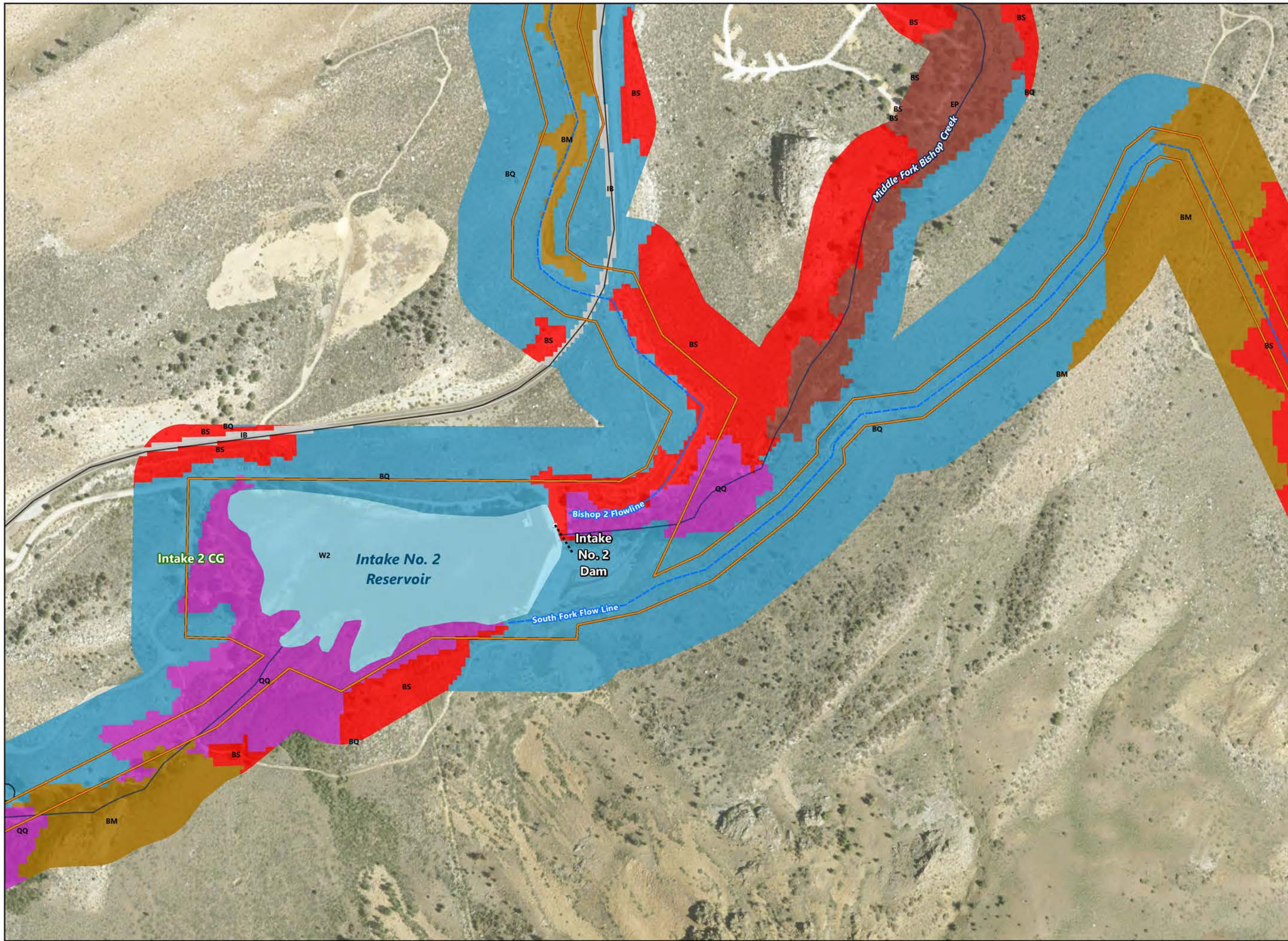


Vegetation & Wetland Classifications

Map No. 23

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BM - Curlleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- QQ - Quaking Aspen
- W2 - Perennial Lake or Pond

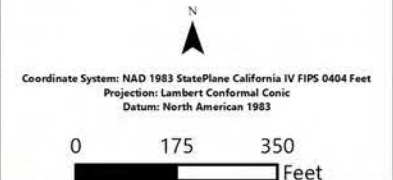
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

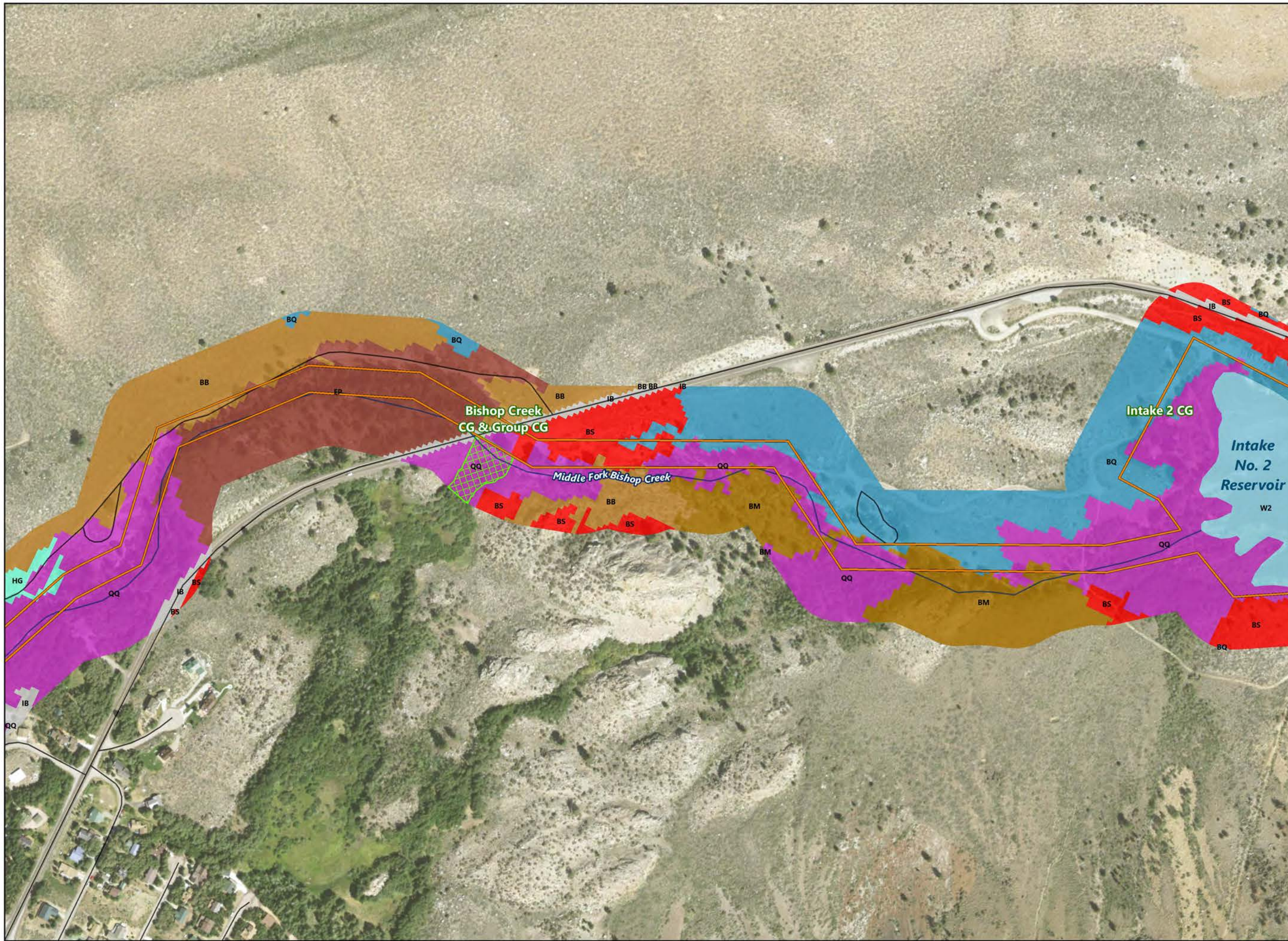


Vegetation & Wetland Classifications

Map No. 24

BISHOP CREEK HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BM - Curleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- EP - Eastside Pine
- HG - Annual Grasses and Forbs
- IB - Urban-related Bare Soil
- QQ - Quaking Aspen
- W2 - Perennial Lake or Pond

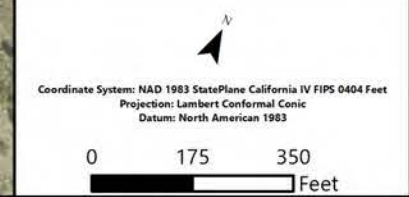
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

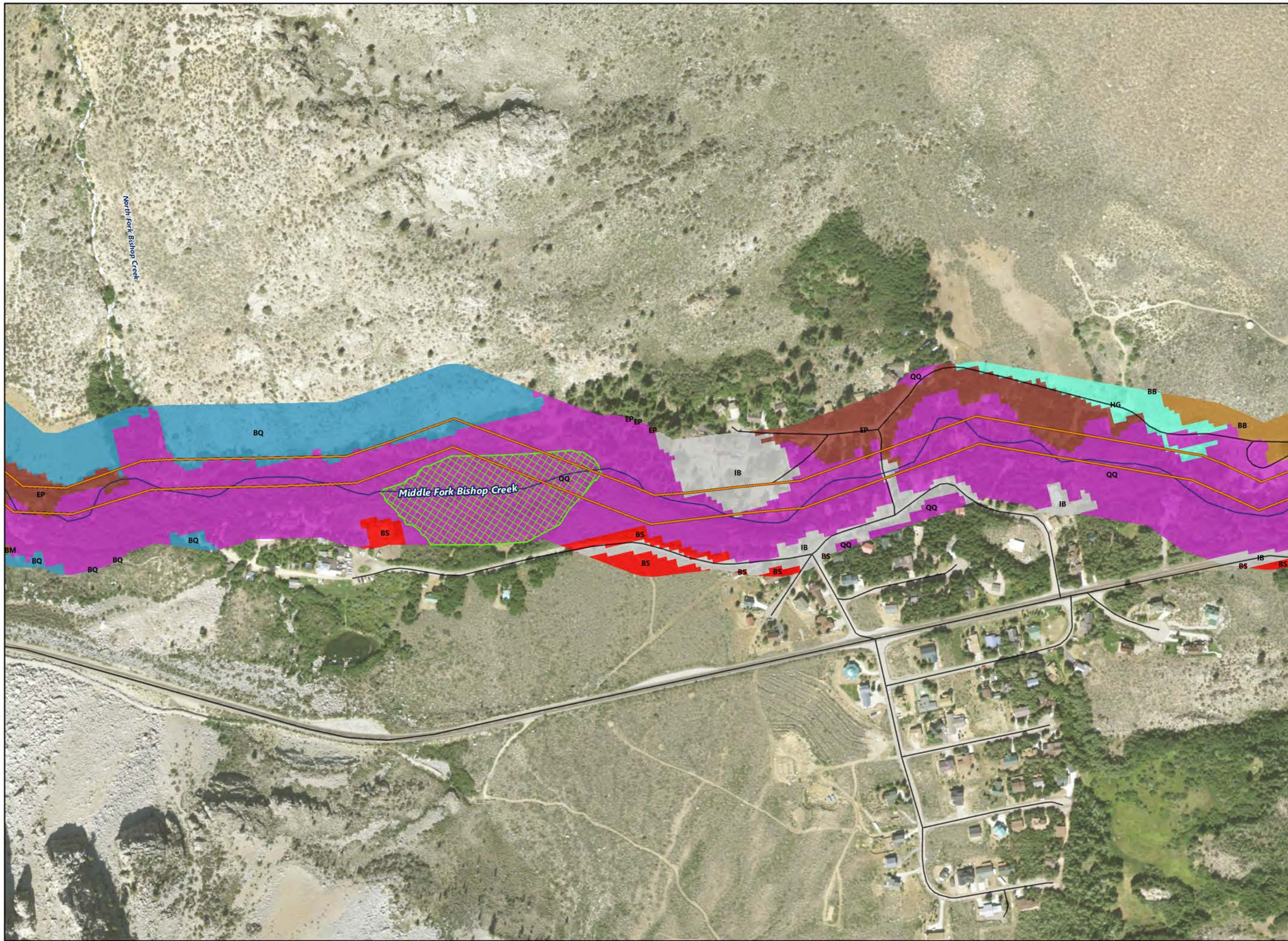


Vegetation & Wetland Classifications

Map No. 25

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BM - Curleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- EP - Eastside Pine
- HG - Annual Grasses and Forbs
- IB - Urban-related Bare Soil
- QQ - Quaking Aspen

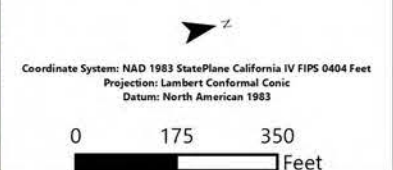
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

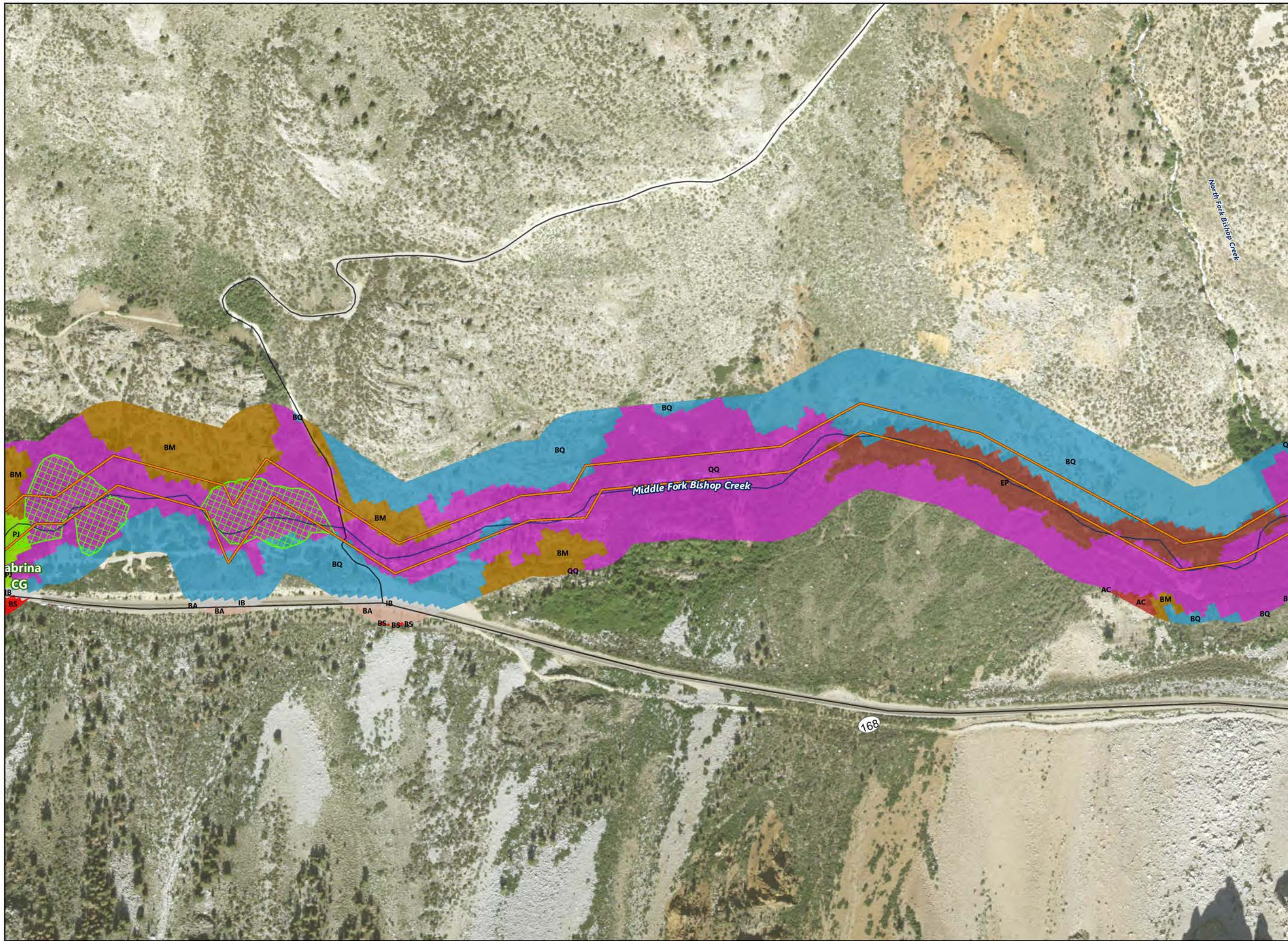


Vegetation & Wetland Classifications

Map No. 26

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- AC - Alpine Grasses and Forbs
- BA - Barren
- BM - Curlleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- EP - Eastside Pine
- IB - Urban-related Bare Soil
- PJ - Singleleaf Pinyon Pine
- QQ - Quaking Aspen

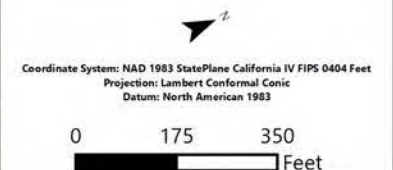
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

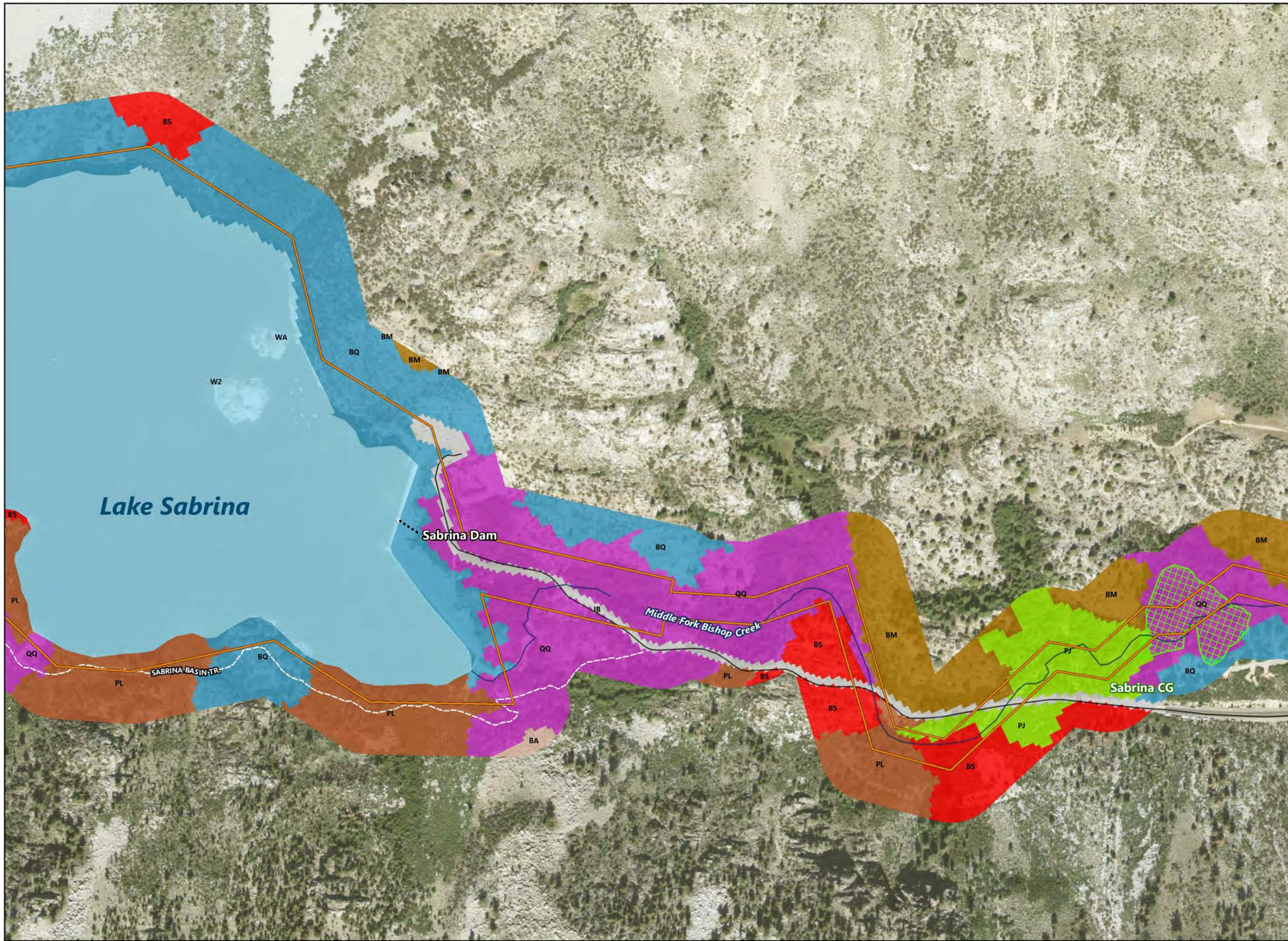


Vegetation & Wetland Classifications

Map No. 27

BISHOP CREEK HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BA - Barren
- BM - Curleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- IB - Urban-related Bare Soil
- PJ - Singleleaf Pinyon Pine
- PL - Limber Pine
- QQ - Quaking Aspen
- W2 - Perennial Lake or Pond

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

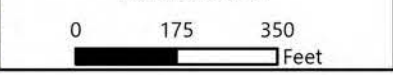


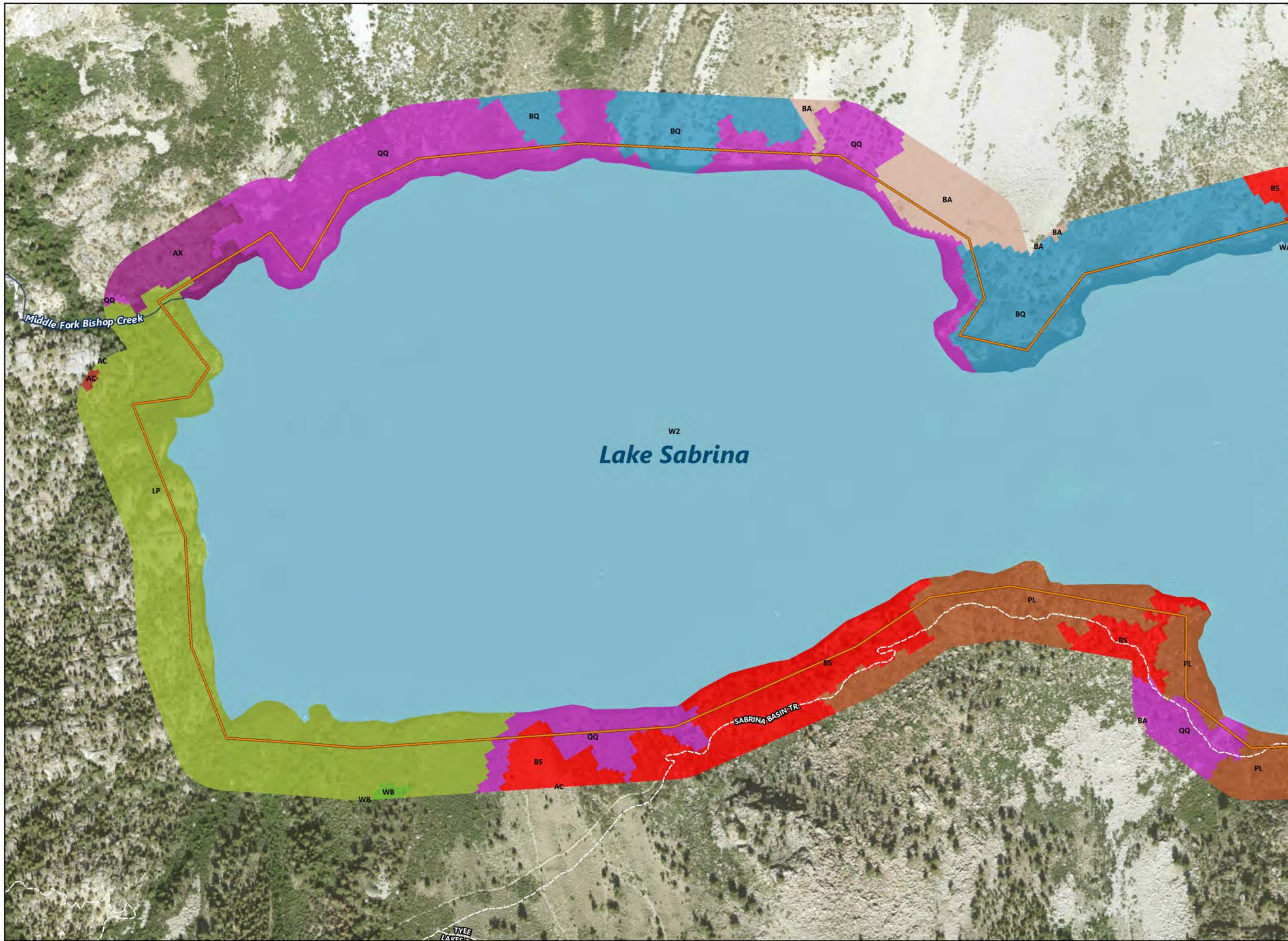
Vegetation & Wetland Classifications

Map No. 28

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet
Projection: Lambert Conformal Conic
Datum: North American 1983





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- AC - Alpine Grasses and Forbs
- AX - Alpine Mixed Scrub
- BA - Barren
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- LP - Lodgepole Pine
- PL - Limber Pine
- QQ - Quaking Aspen
- W2 - Perennial Lake or Pond
- WB - Whitebark Pine

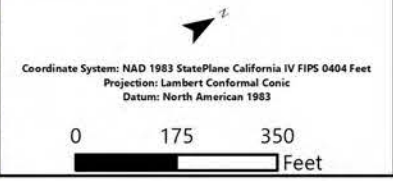
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

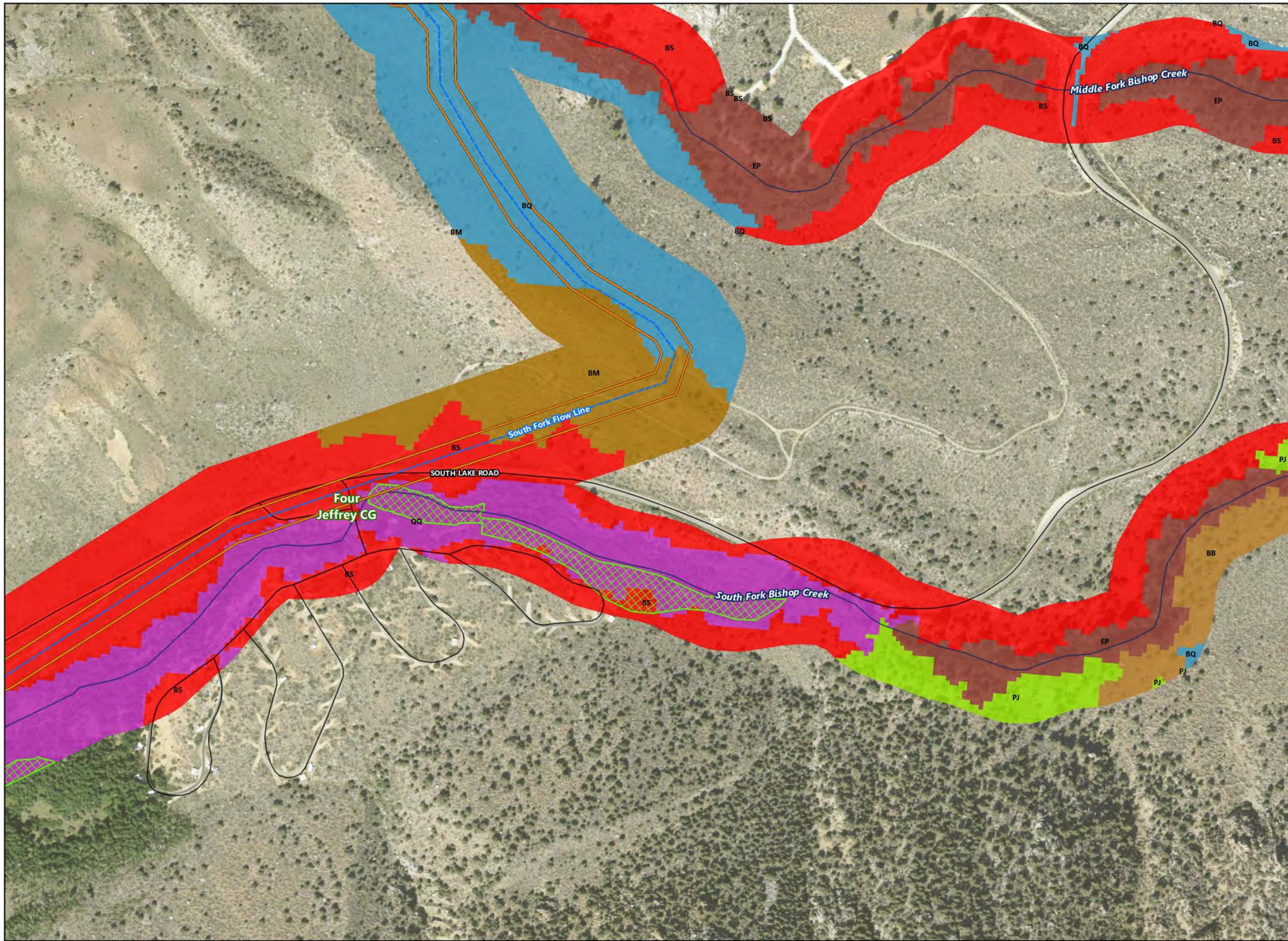


Vegetation & Wetland Classifications

Map No. 29

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BB - Bitterbrush
- BM - Curleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- EP - Eastside Pine
- PJ - Singleleaf Pinyon Pine
- QQ - Quaking Aspen

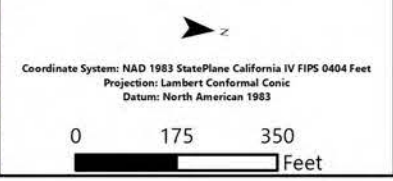
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

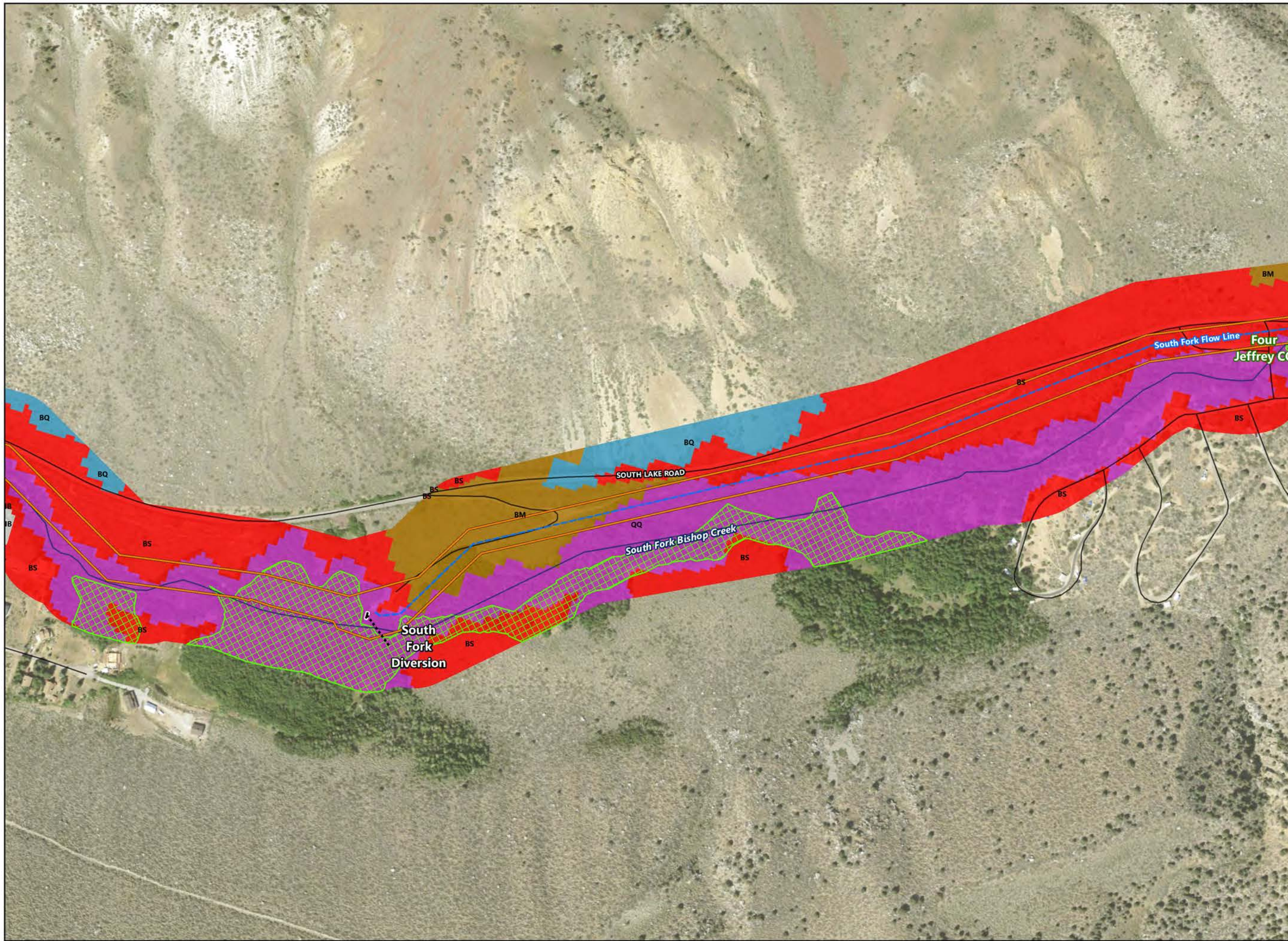


Vegetation & Wetland Classifications

Map No. 30

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BM - Curleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- IB - Urban-related Bare Soil
- QQ - Quaking Aspen

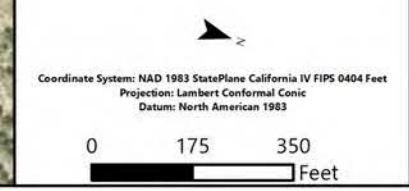
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

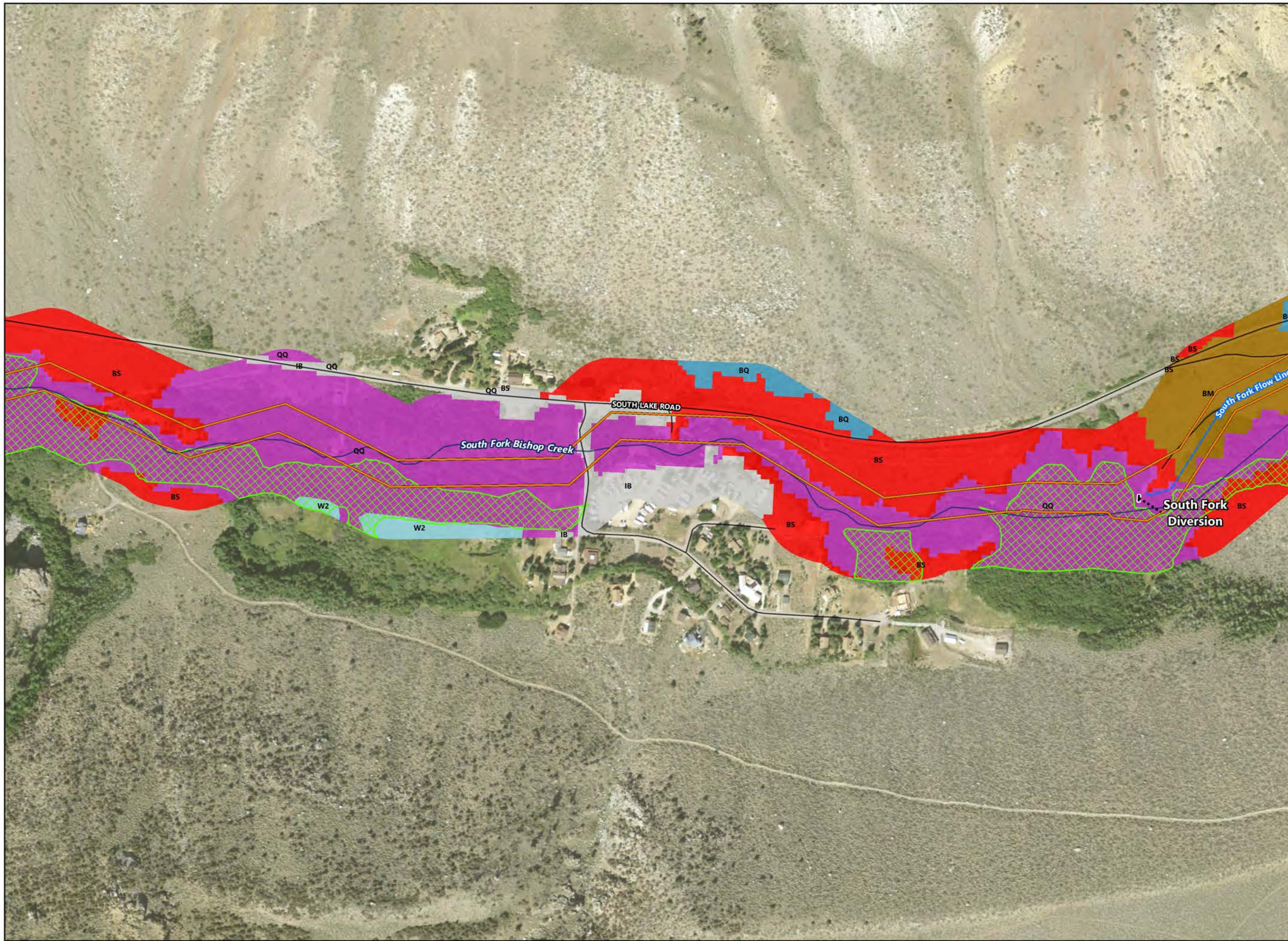


Vegetation & Wetland Classifications

Map No. 31

BISHOP CREEK HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BM - Curlleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- IB - Urban-related Bare Soil
- QQ - Quaking Aspen
- W2 - Perennial Lake or Pond

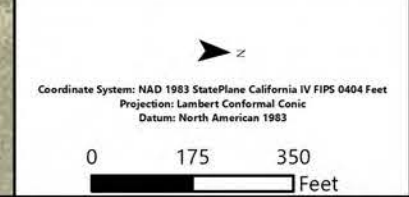
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

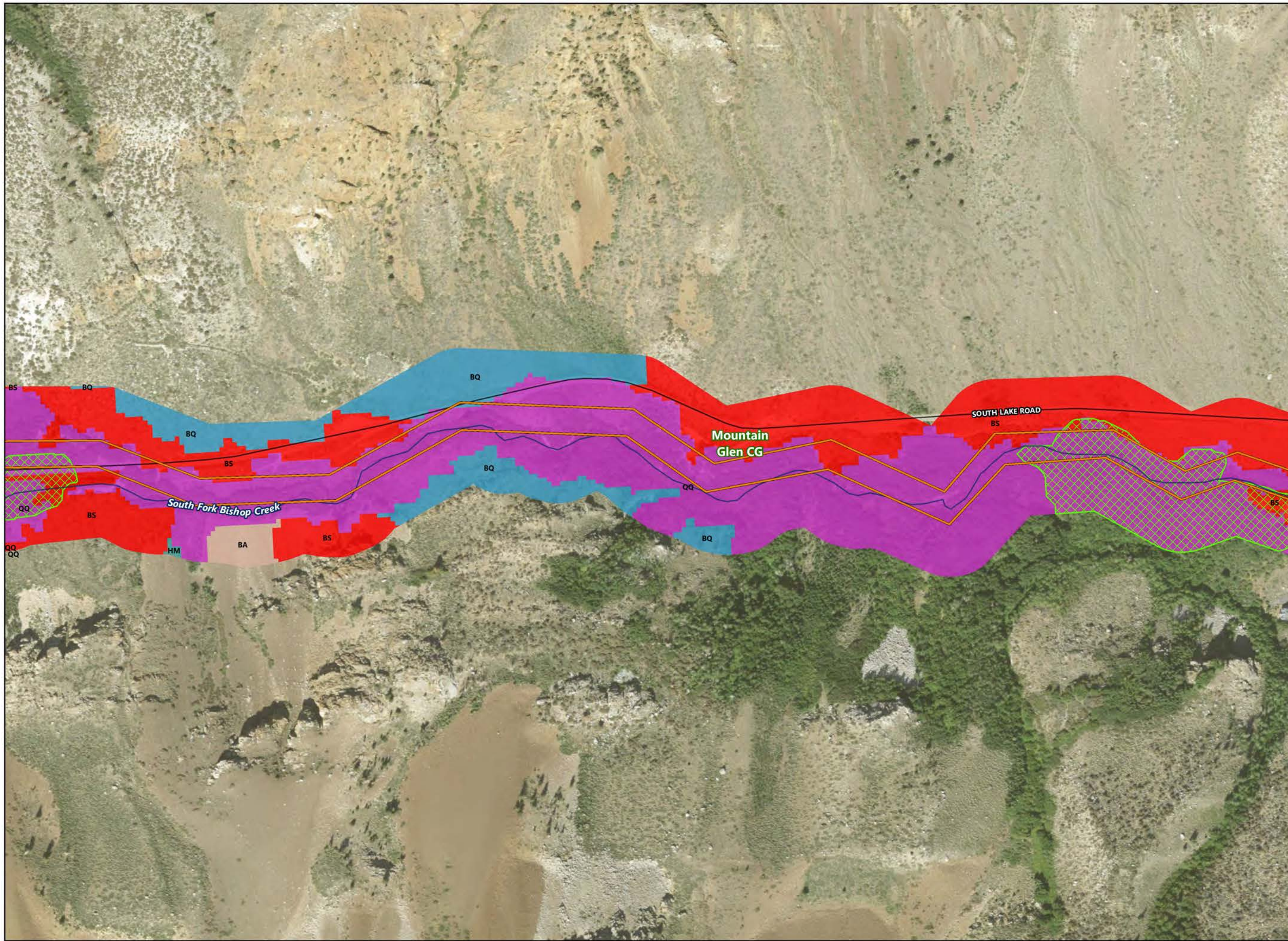


Vegetation & Wetland Classifications

Map No. 32

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line

- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
 - Riverine

- CALVEG Type (in current extent)**
- BA - Barren
 - BQ - Great Basin Mixed Scrub
 - BS - Basin Sagebrush
 - HM - Perennial Grasses and Forbs
 - QQ - Quaking Aspen

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

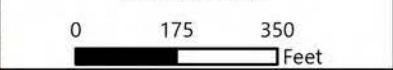


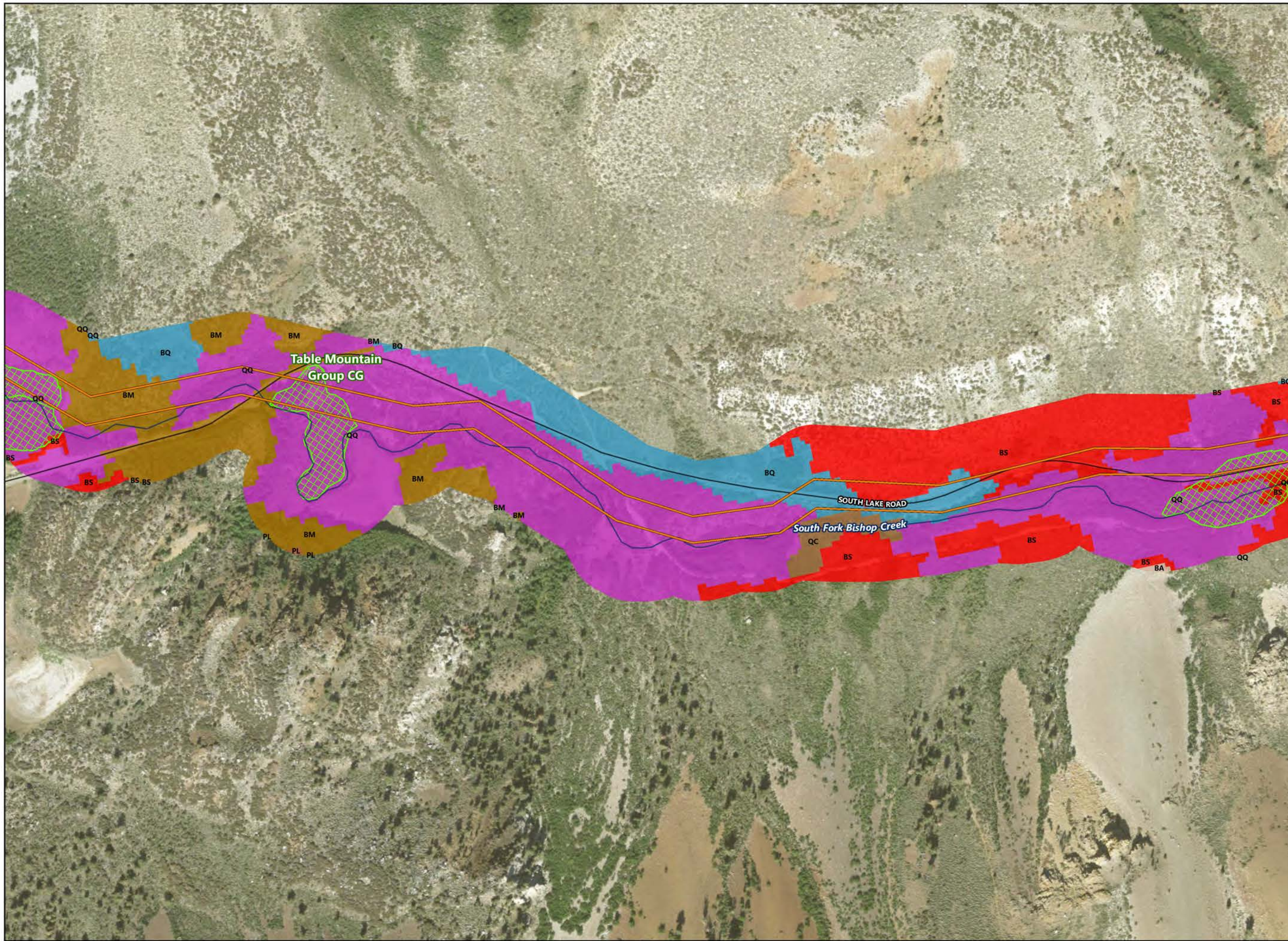
Vegetation & Wetland Classifications

Map No. 33

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet
 Projection: Lambert Conformal Conic
 Datum: North American 1983





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BA - Barren
- BM - Curleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- PL - Limber Pine
- QC - Canyon Live Oak
- QQ - Quaking Aspen

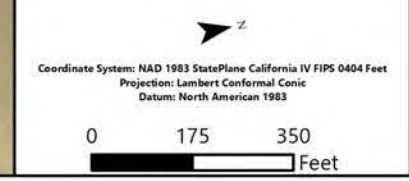
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

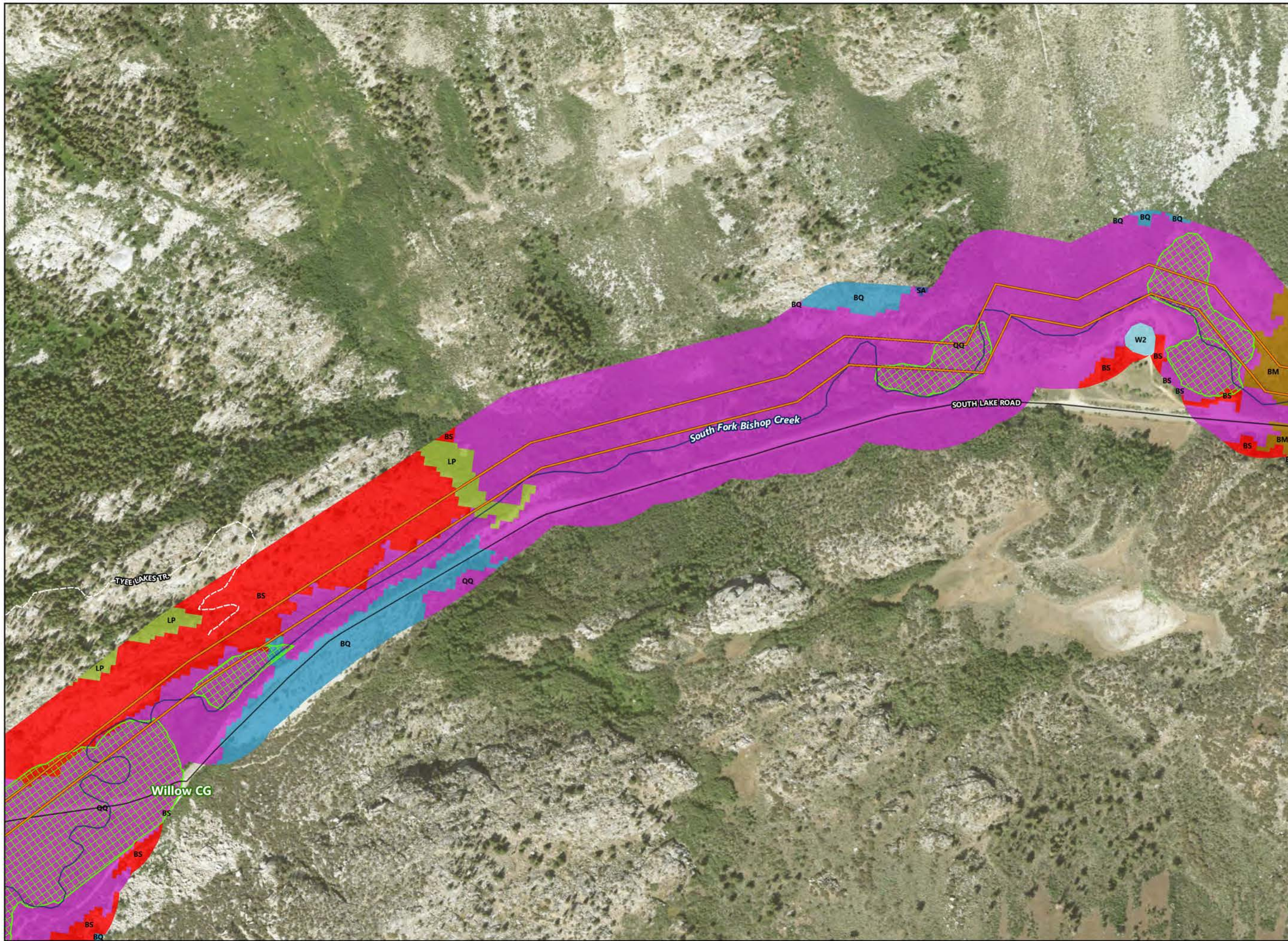


Vegetation & Wetland Classifications

Map No. 34

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BM - Curleaf Mountain Mahogany
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- LP - Lodgepole Pine
- QQ - Quaking Aspen
- SA - Subalpine Conifers
- W2 - Perennial Lake or Pond

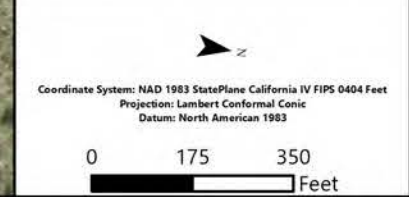
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

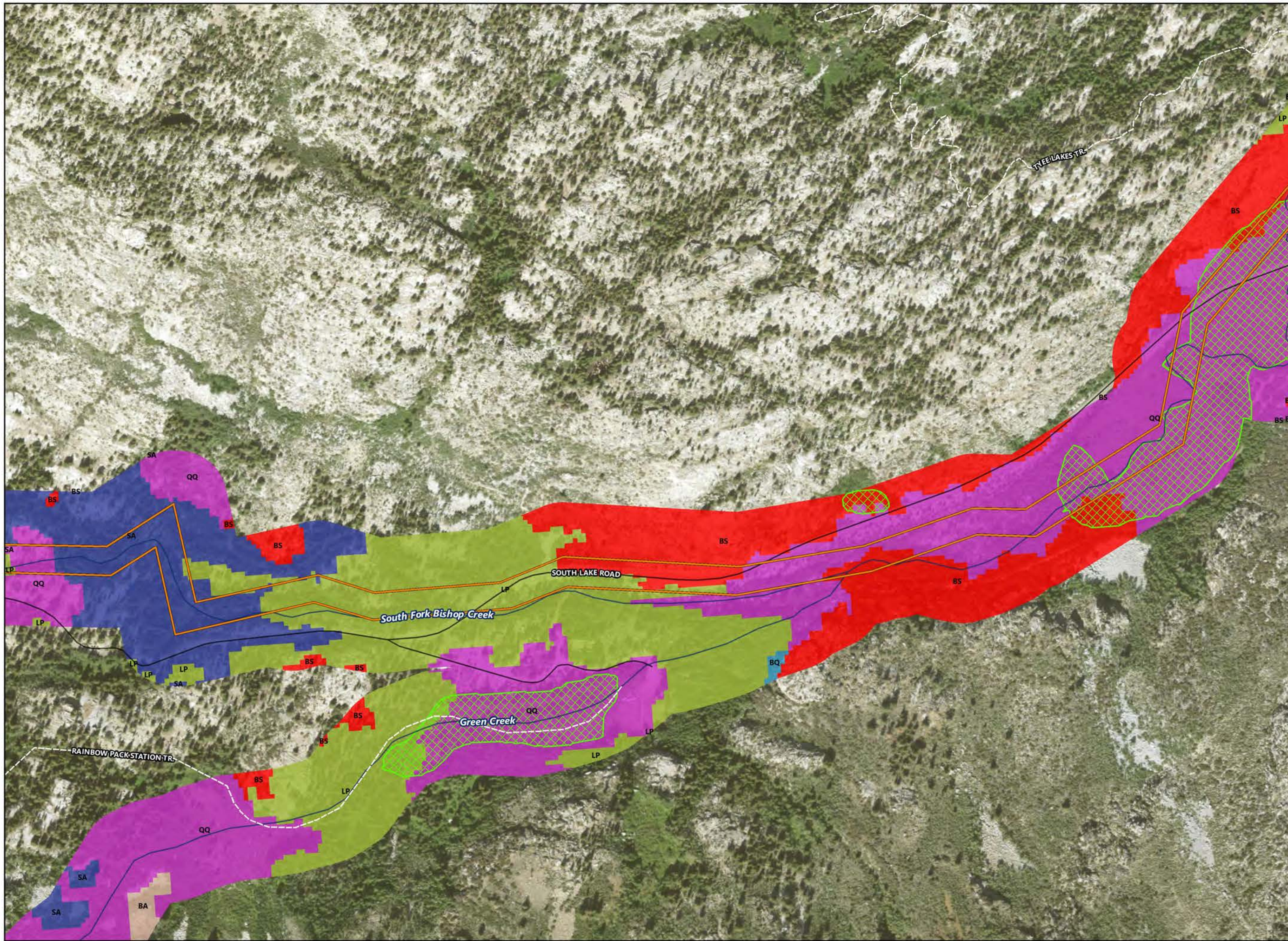


Vegetation & Wetland Classifications

Map No. 35

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BA - Barren
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- LP - Lodgepole Pine
- QQ - Quaking Aspen
- SA - Subalpine Conifers

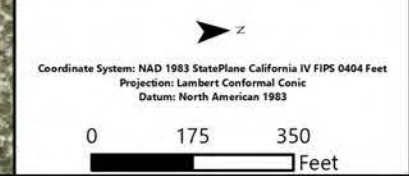
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

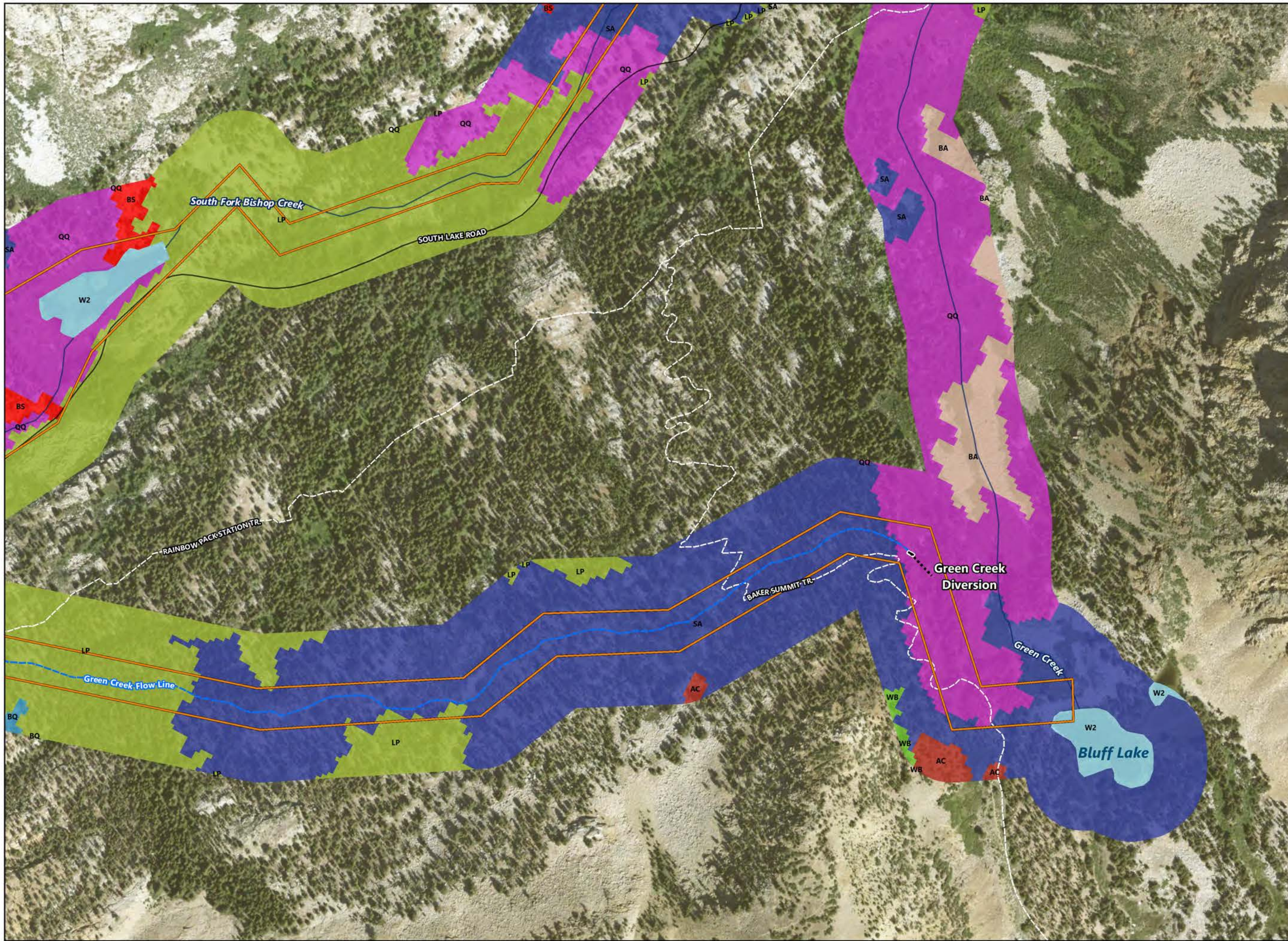


Vegetation & Wetland Classifications

Map No. 36

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- AC - Alpine Grasses and Forbs
- BA - Barren
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- LP - Lodgepole Pine
- QQ - Quaking Aspen
- SA - Subalpine Conifers
- W2 - Perennial Lake or Pond
- WB - Whitebark Pine

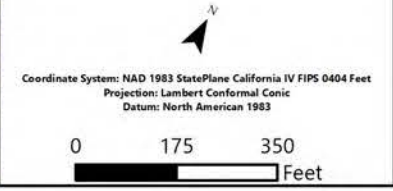
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

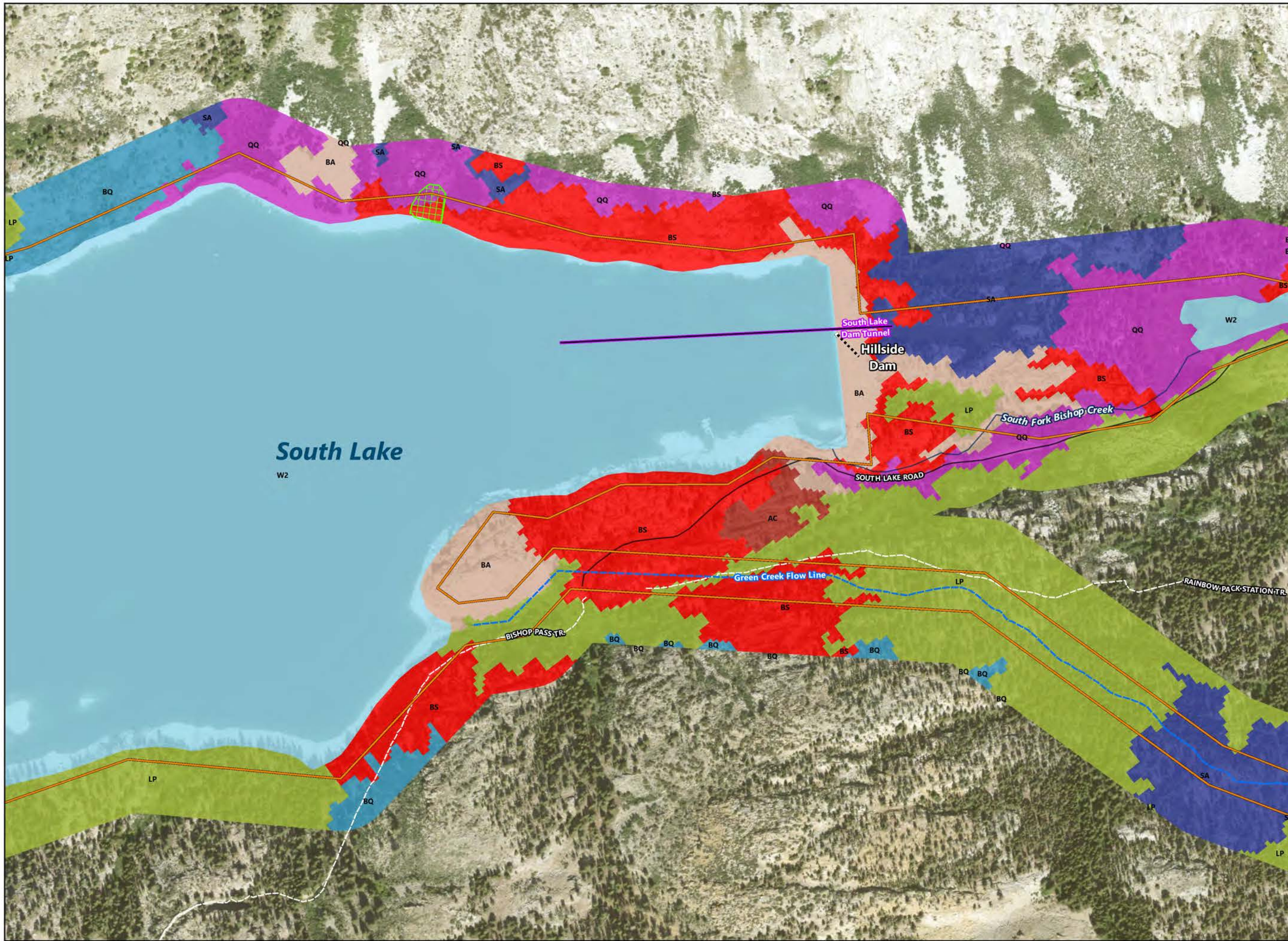


Vegetation & Wetland Classifications

Map No. 37

**BISHOP CREEK
HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394**





- Project Boundary
- ▲ Powerhouse
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- AC - Alpine Grasses and Forbs
- BA - Barren
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- LP - Lodgepole Pine
- QQ - Quaking Aspen
- SA - Subalpine Conifers
- W2 - Perennial Lake or Pond

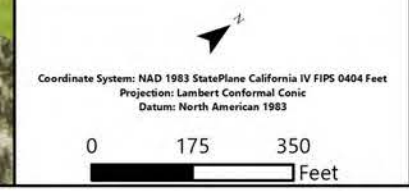
Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.

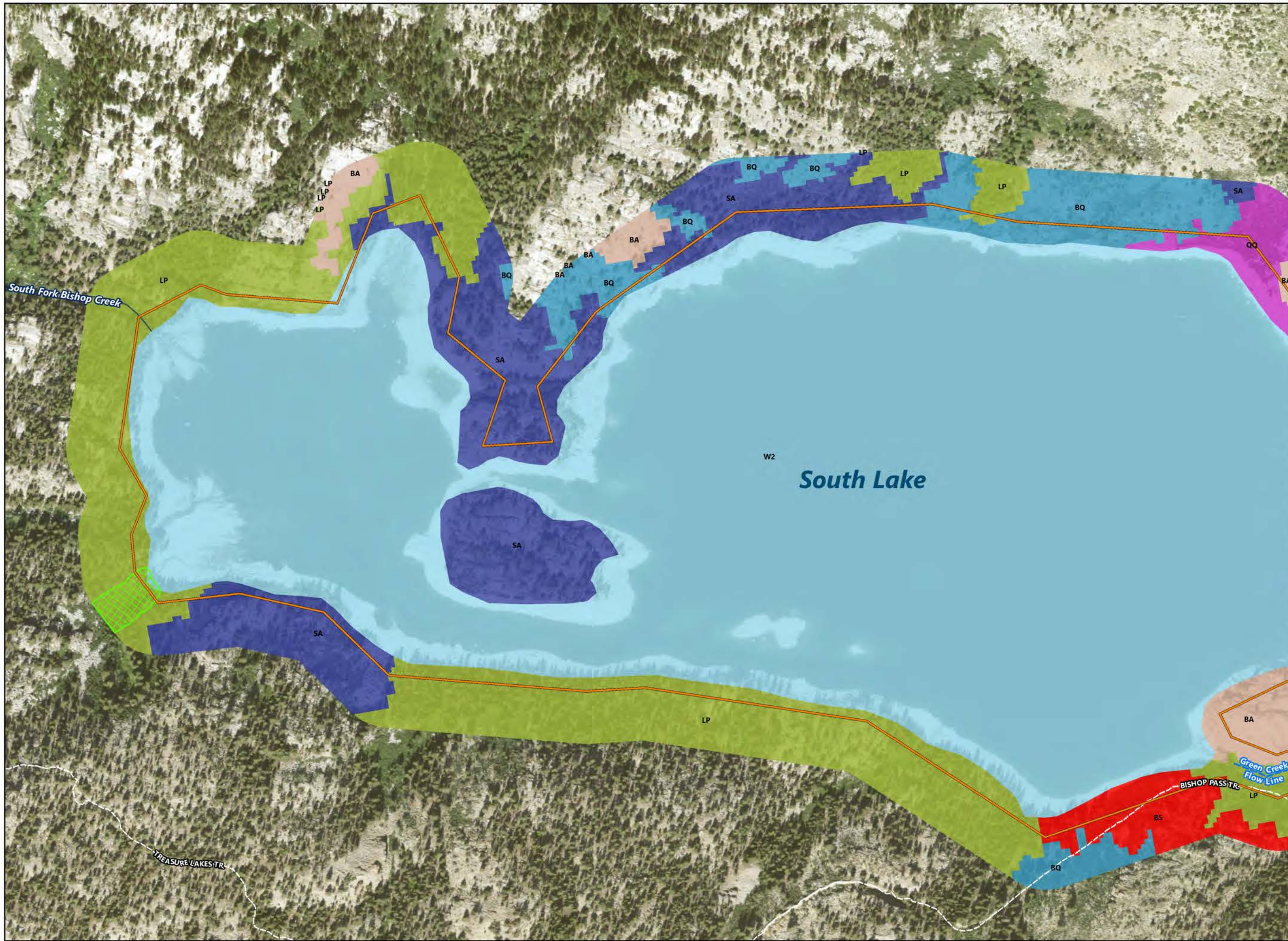


Vegetation & Wetland Classifications

Map No. 38

BISHOP CREEK HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394





- Project Boundary
- Dam
- Diversion
- Flowline
- Penstock/Tunnel
- Transmission Line
- NWI Wetland Type**
- Freshwater Forested/Shrub Wetland
- Riverine
- CALVEG Type (in current extent)**
- BA - Barren
- BQ - Great Basin Mixed Scrub
- BS - Basin Sagebrush
- LP - Lodgepole Pine
- QQ - Quaking Aspen
- SA - Subalpine Conifers
- W2 - Perennial Lake or Pond

Note: Both CALVEG and NWI datasets are shown clipped to a 200 foot buffer around the Project boundary and selected creeks. Both datasets originated predominantly from the analysis of satellite imagery and thus may not reflect vegetation communities or wetland environments found beneath tree canopies. Therefore, a margin of error is inherent in the use of the data until a detailed field inspection and verification may be performed.



Vegetation & Wetland Classifications

Map No. 39

BISHOP CREEK HYDROELECTRIC PROJECT
FERC PROJECT NO. 1394

Coordinate System: NAD 1983 StatePlane California IV FIPS 0404 Feet
Projection: Lambert Conformal Conic
Datum: North American 1983

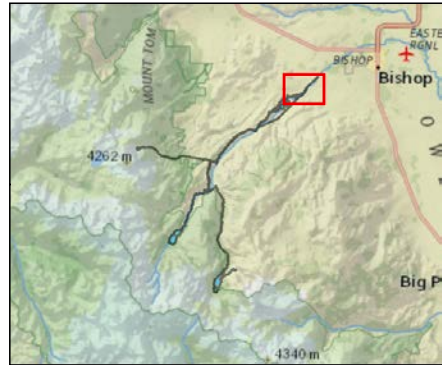
0 175 350 Feet

APPENDIX F
PREVIOUS CULTURAL RESOURCE SURVEYS

MAY 2019

Previous Surveys

NOTES:
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BISHOP CREEK PREVIOUS SURVEYS

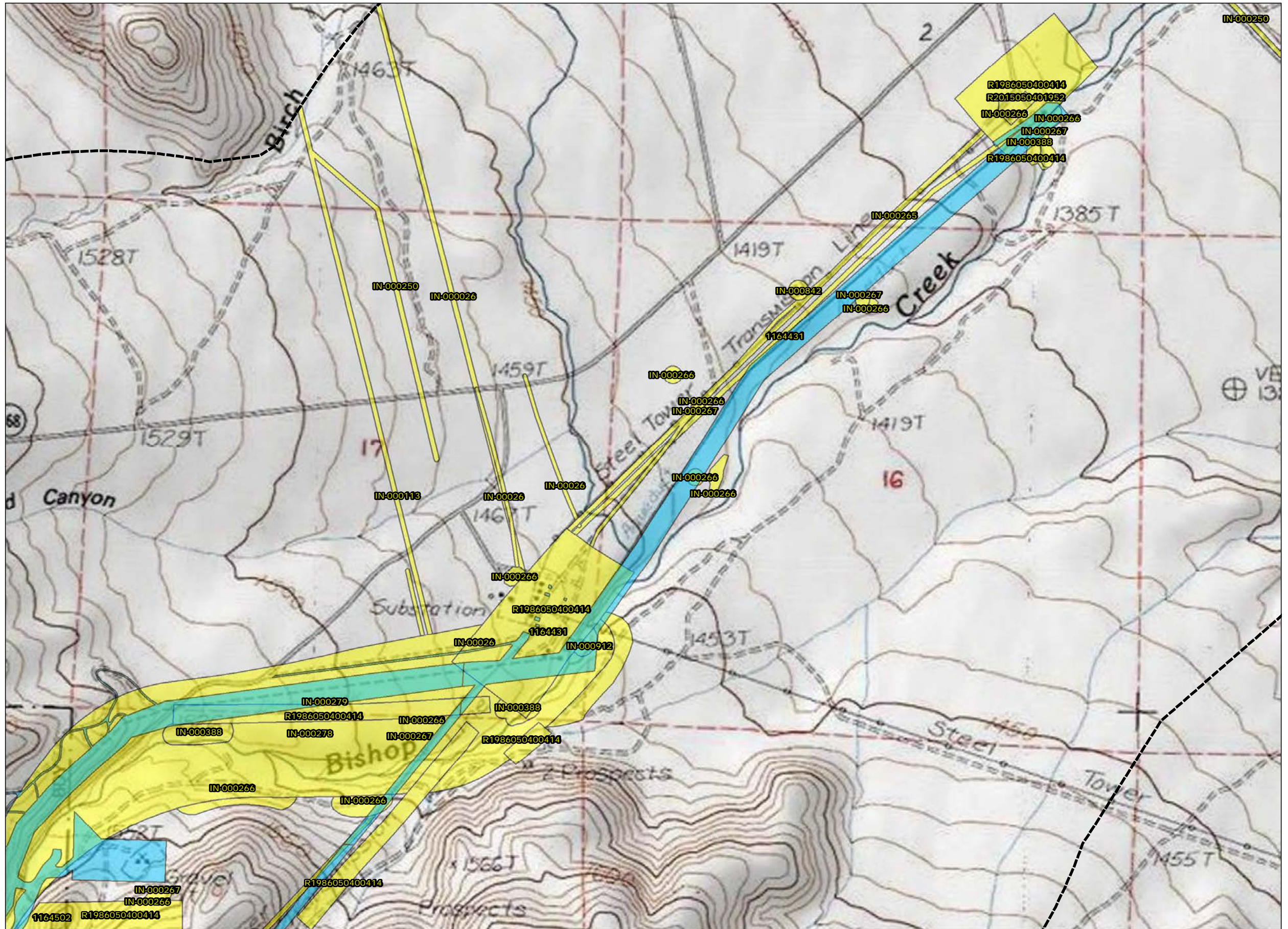
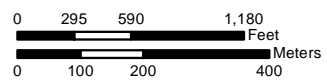
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 1 of 13

PROJECT NAME
Bishop Creek Relicensing



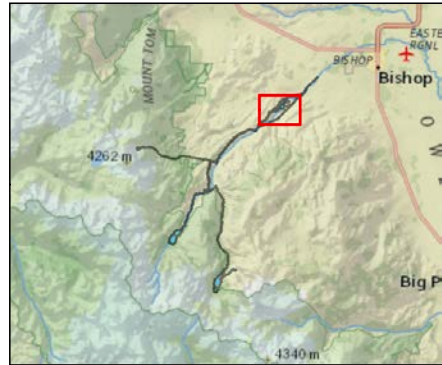
Legend

- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys



Previous Surveys

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BISHOP CREEK PREVIOUS SURVEYS

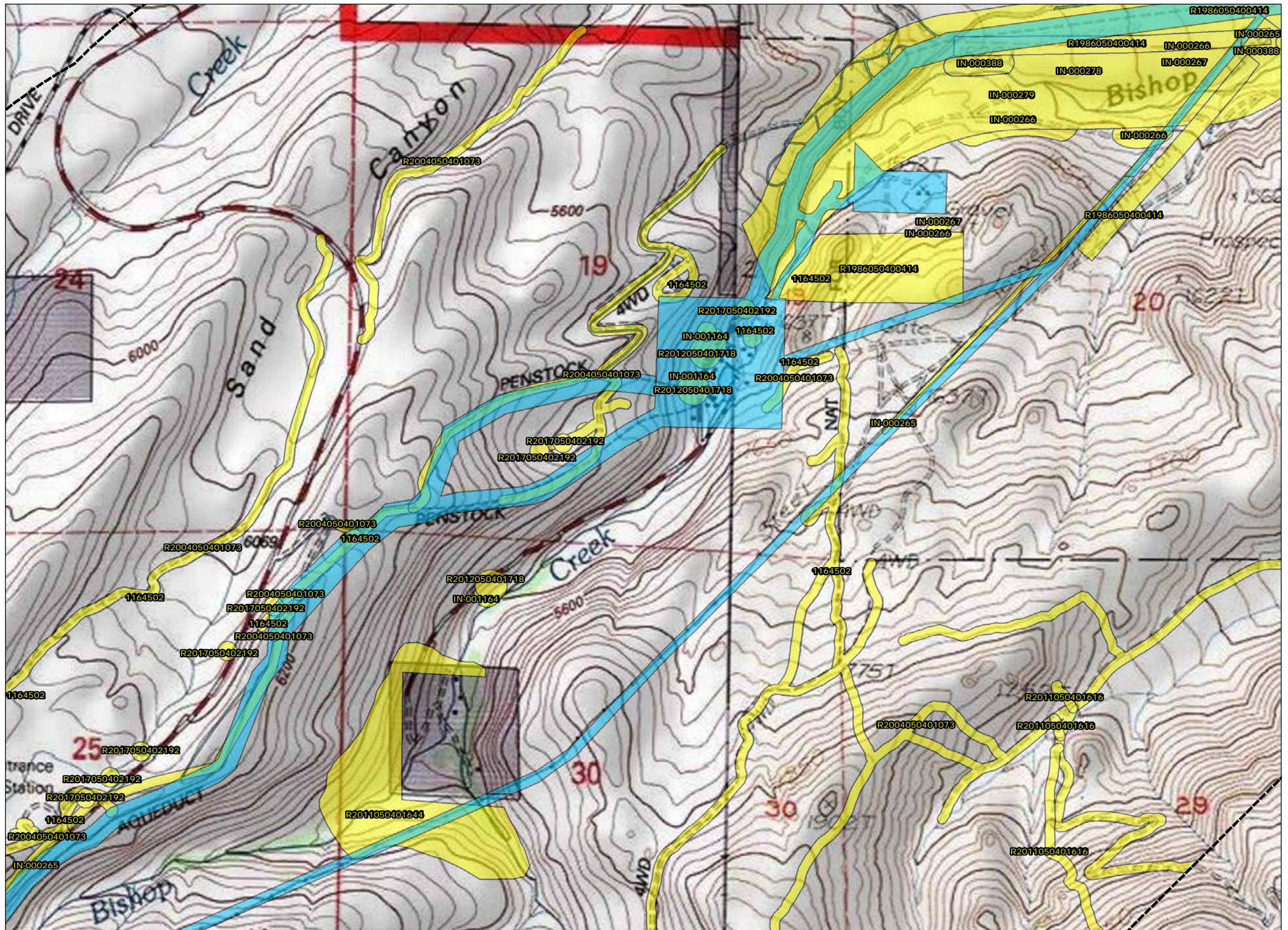
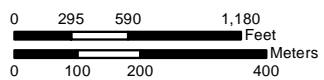
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 2 of 13

PROJECT NAME
Bishop Creek Relicensing



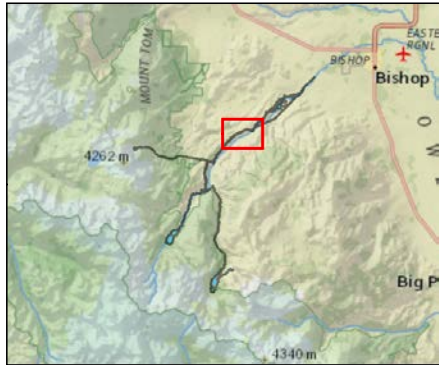
Legend

- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys



Previous Surveys

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BISHOP CREEK PREVIOUS SURVEYS

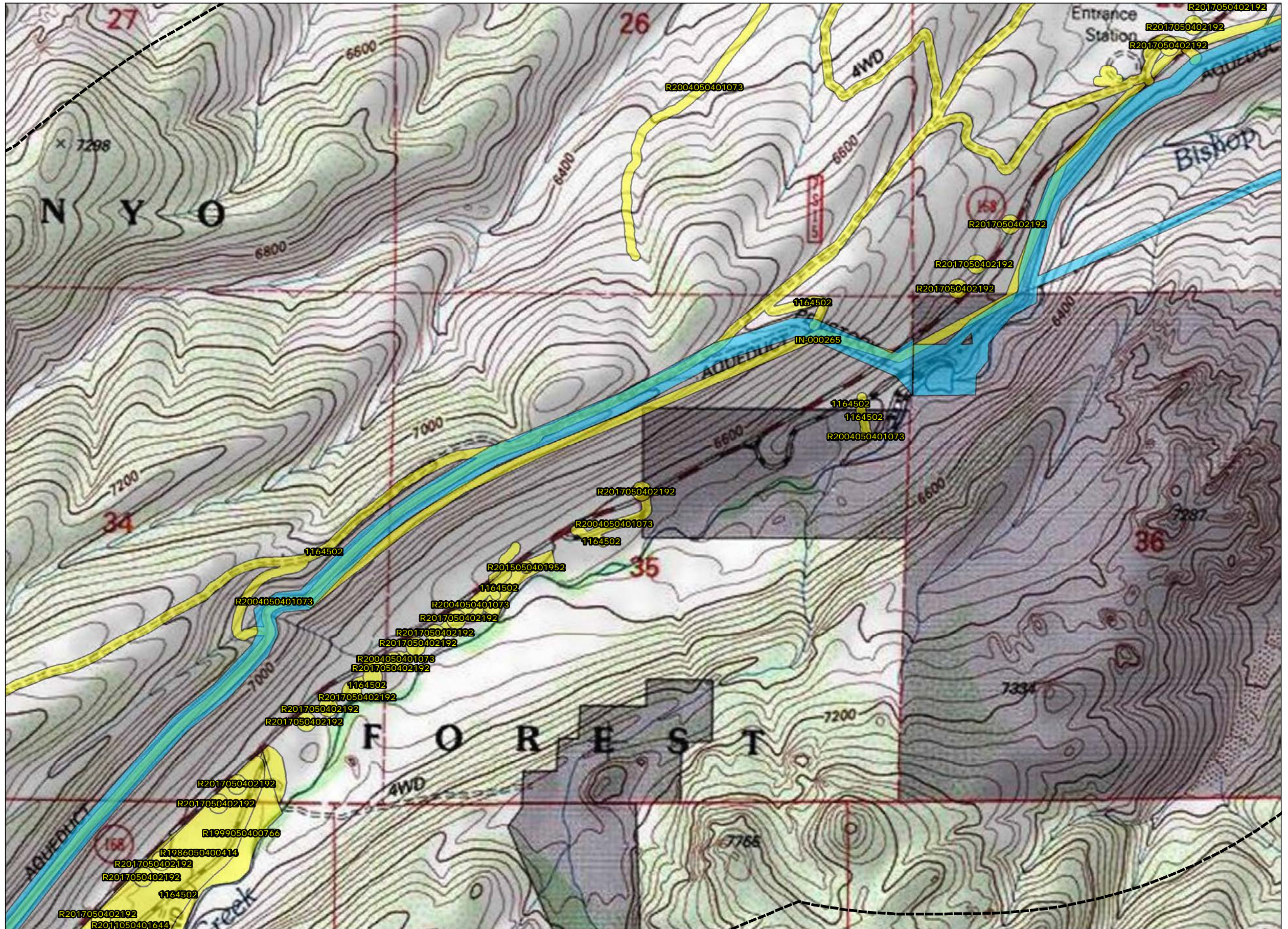
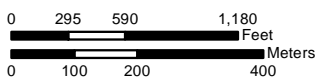
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 3 of 13

PROJECT NAME
Bishop Creek Relicensing



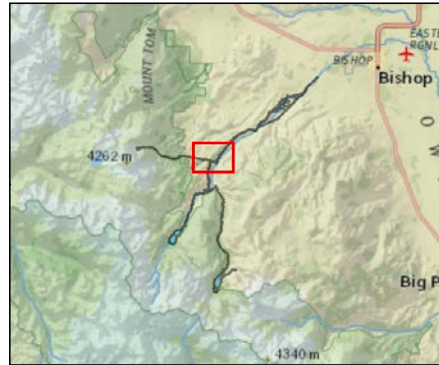
Legend

- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys



Previous Surveys

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BISHOP CREEK PREVIOUS SURVEYS

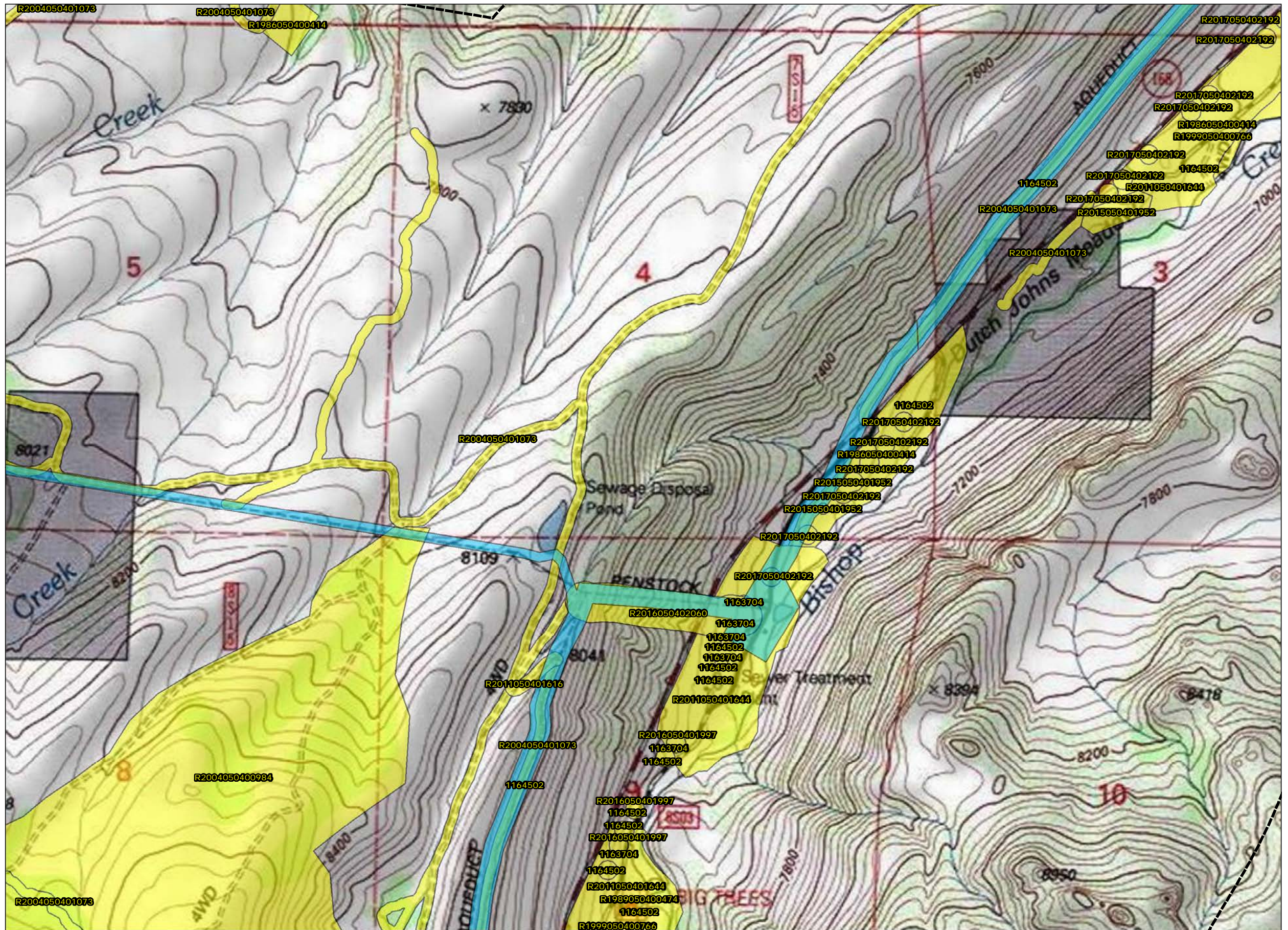
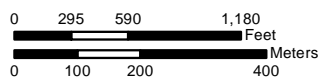
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 4 of 13

PROJECT NAME
Bishop Creek Relicensing



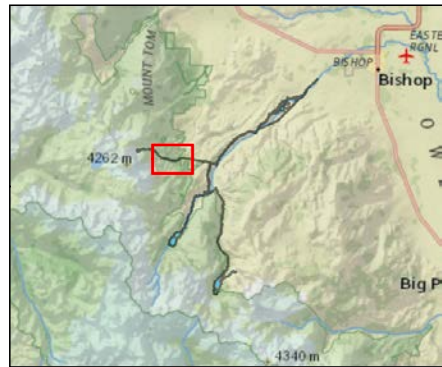
Legend

- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys



Previous Surveys

NOTES:
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BISHOP CREEK PREVIOUS SURVEYS

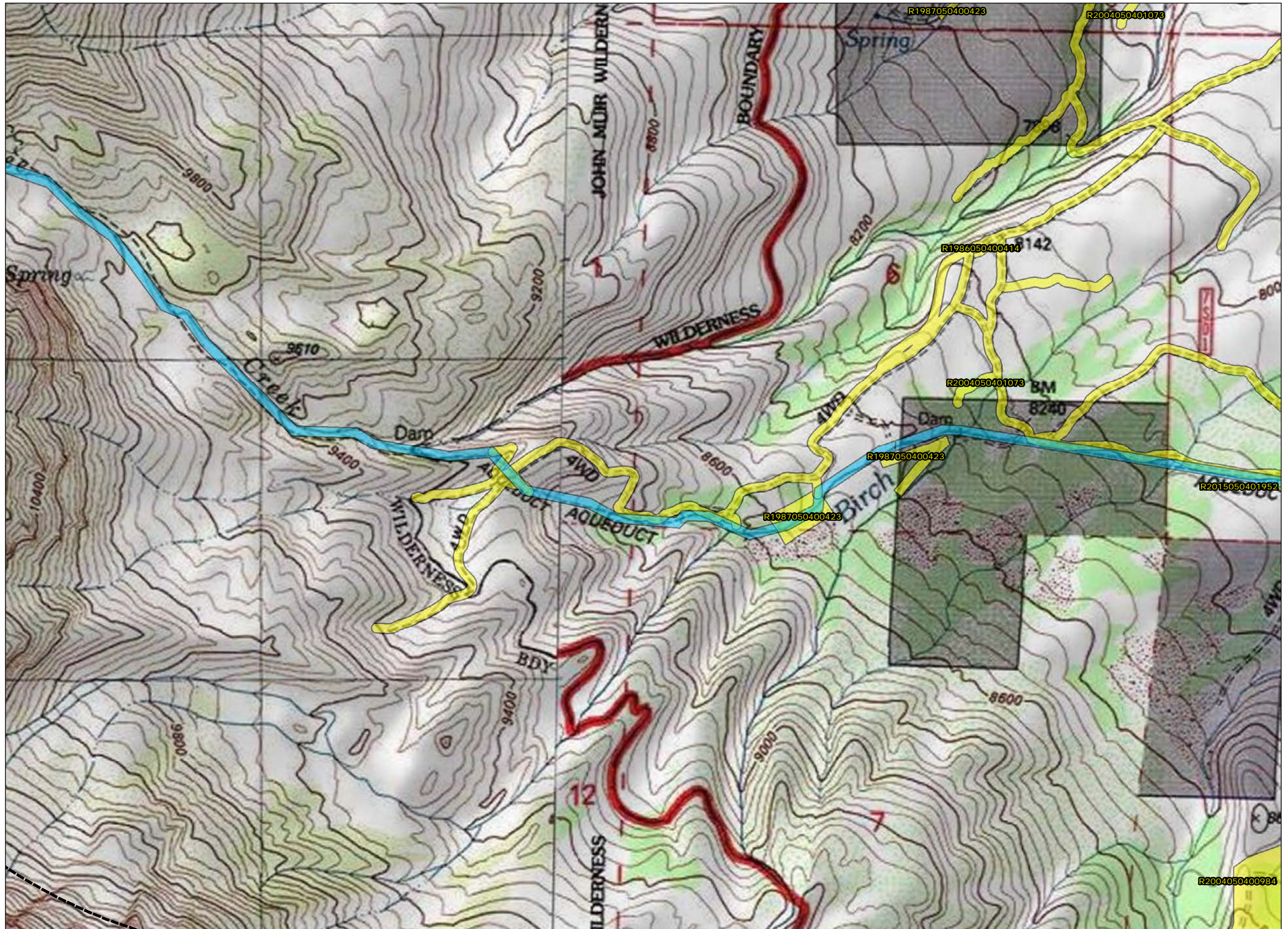
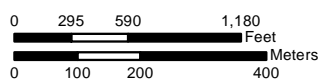
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 5 of 13

PROJECT NAME
Bishop Creek Relicensing



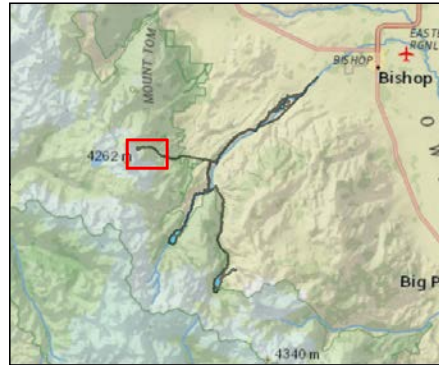
Legend

- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys



Previous Surveys

NOTES:
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

BISHOP CREEK PREVIOUS SURVEYS

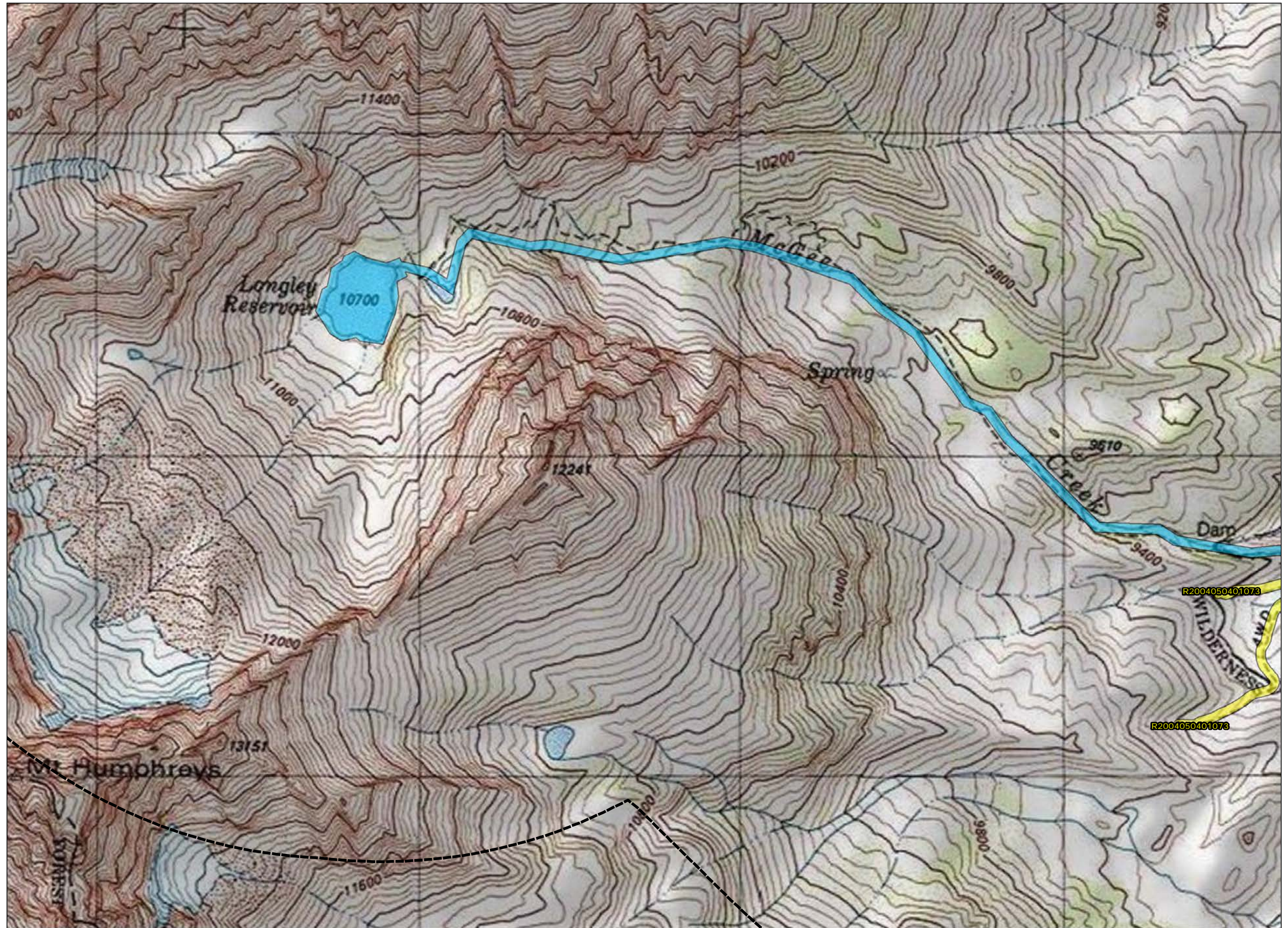
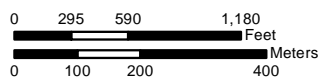
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 6 of 13

PROJECT NAME
Bishop Creek Relicensing



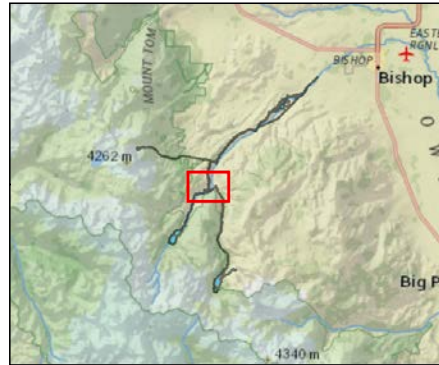
Legend

-  Study Area
-  Bishop Creek FERC Boundary
-  Previous Surveys



Previous Surveys

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BISHOP CREEK PREVIOUS SURVEYS

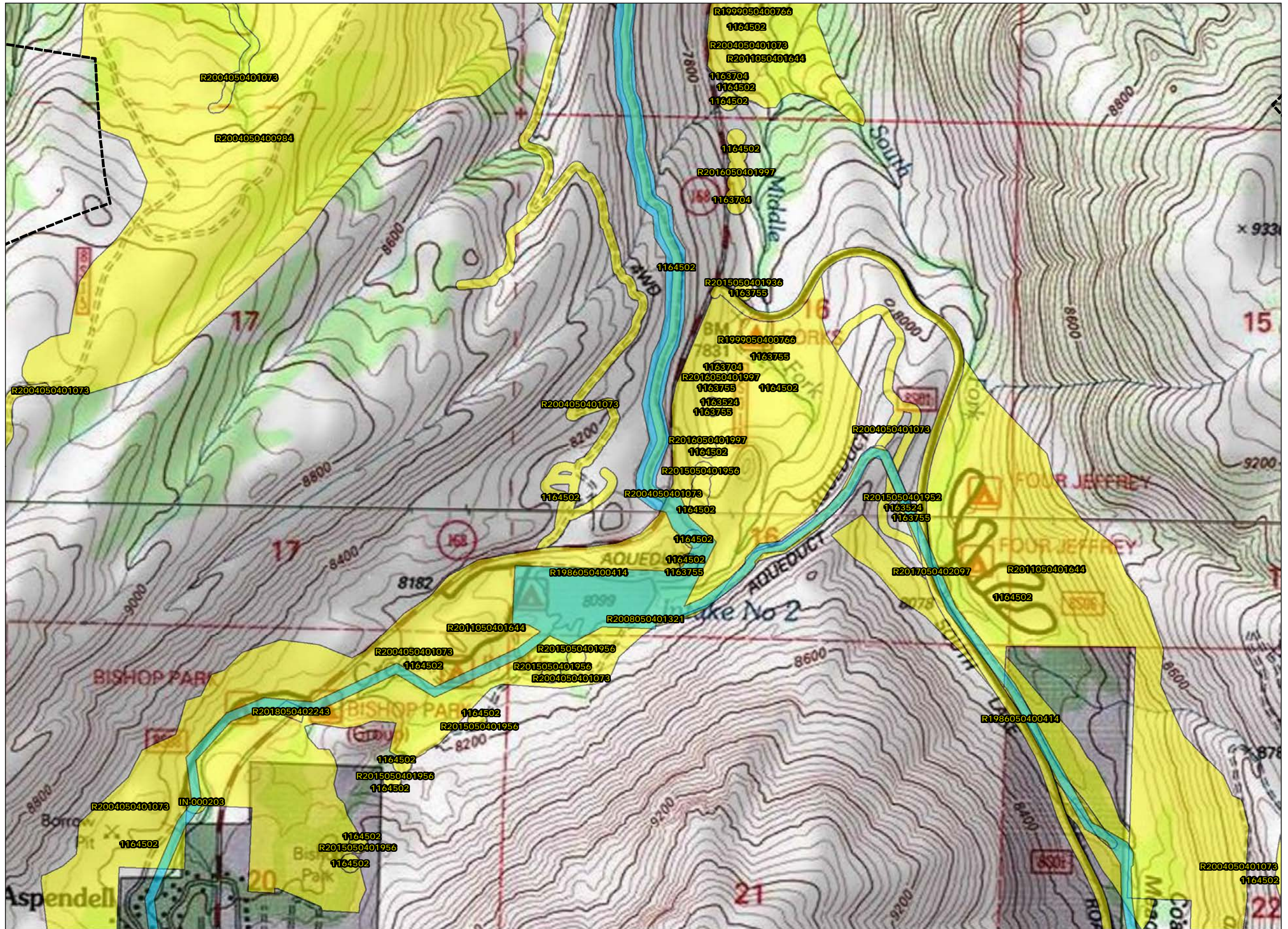
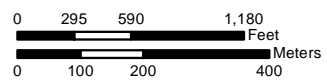
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 7 of 13

PROJECT NAME
Bishop Creek Relicensing



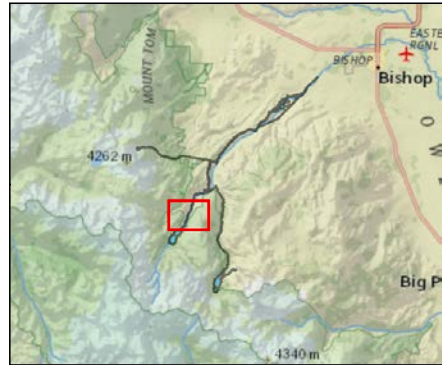
Legend

- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys



Previous Surveys

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BISHOP CREEK PREVIOUS SURVEYS

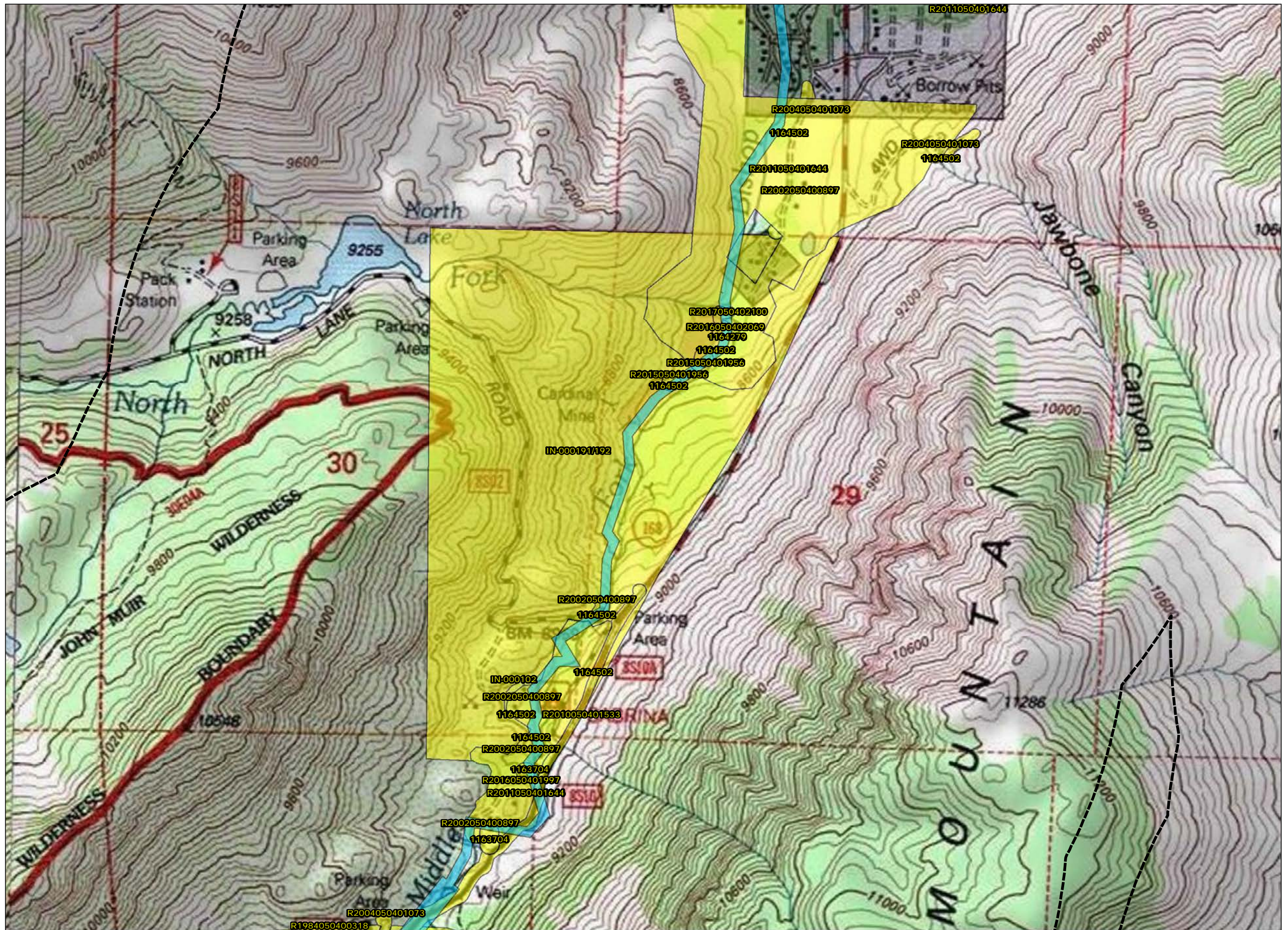
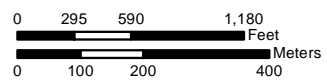
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 8 of 13

PROJECT NAME
Bishop Creek Relicensing



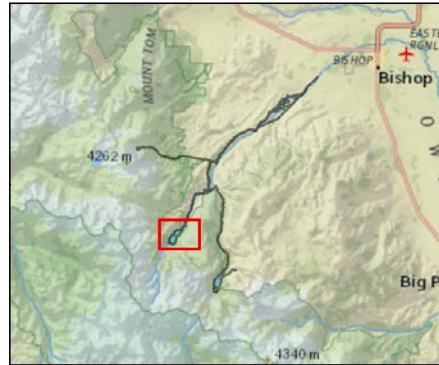
Legend

- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys



Previous Surveys

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BISHOP CREEK PREVIOUS SURVEYS

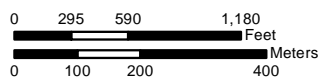
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 9 of 13

PROJECT NAME
Bishop Creek Relicensing

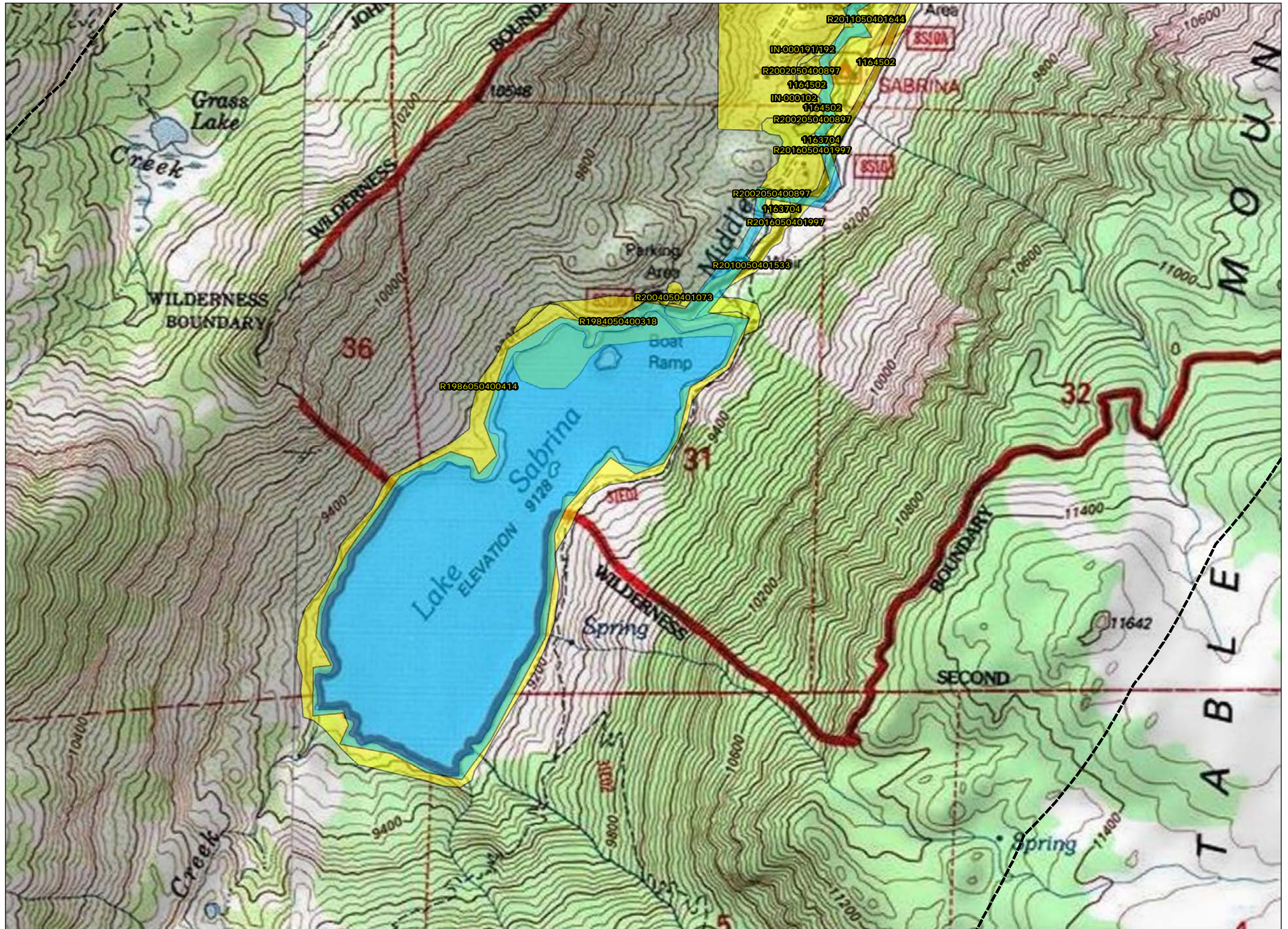


Legend

- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys

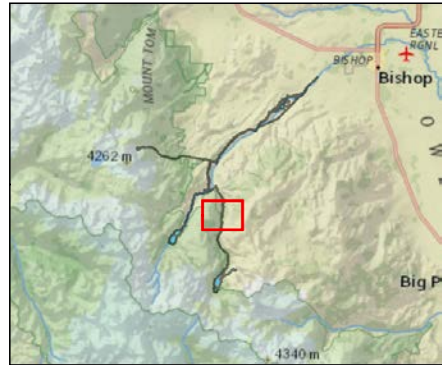


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Previous Surveys

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BISHOP CREEK PREVIOUS SURVEYS

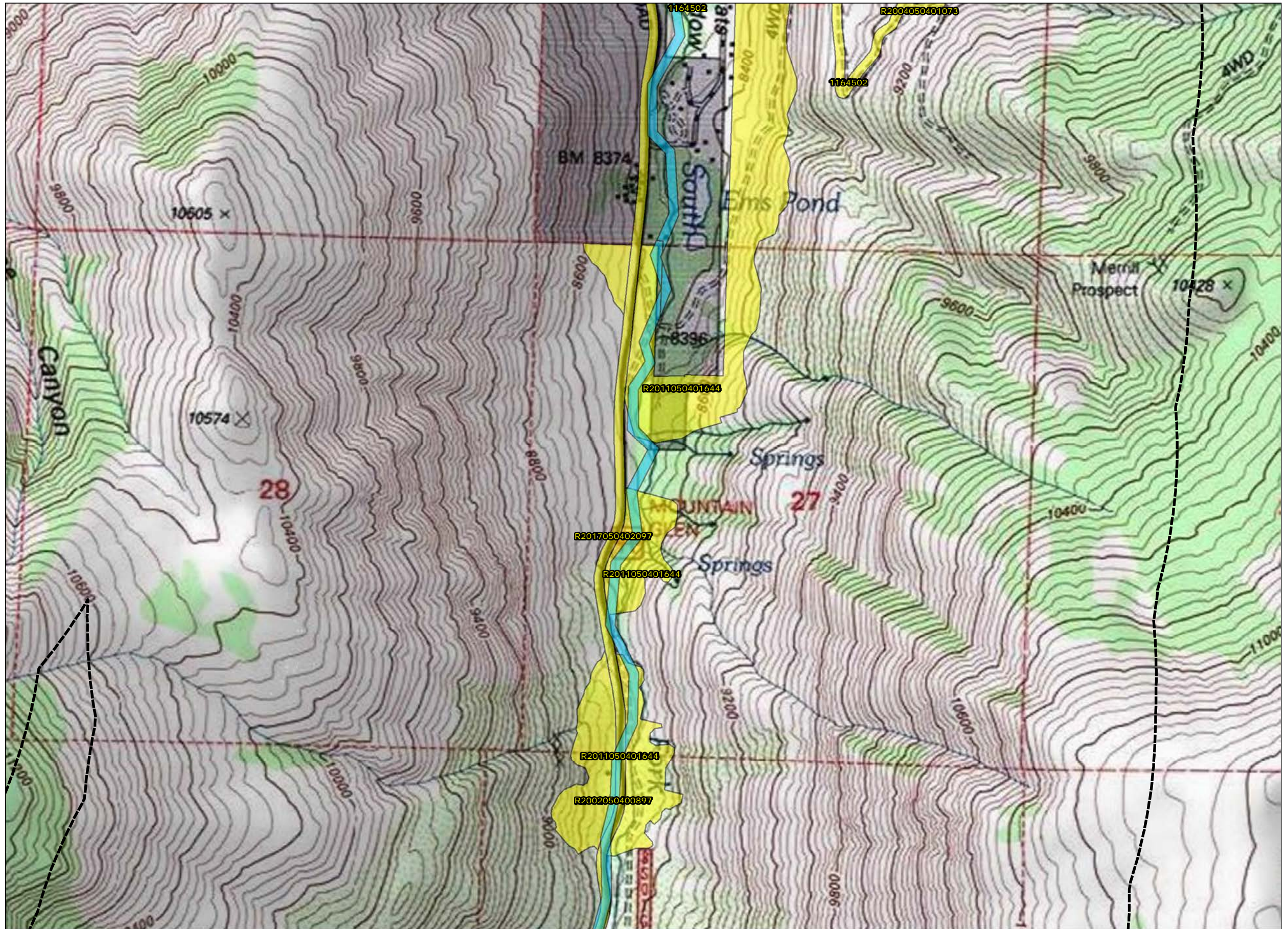
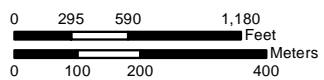
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 10 of 13

PROJECT NAME
Bishop Creek Relicensing



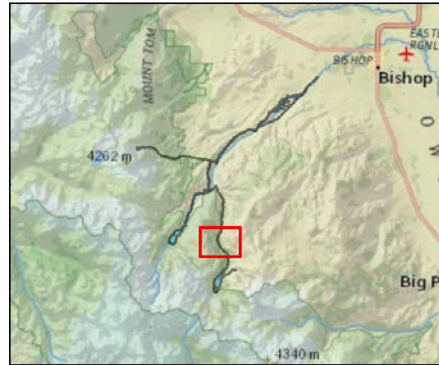
Legend

- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys



Previous Surveys

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BISHOP CREEK PREVIOUS SURVEYS

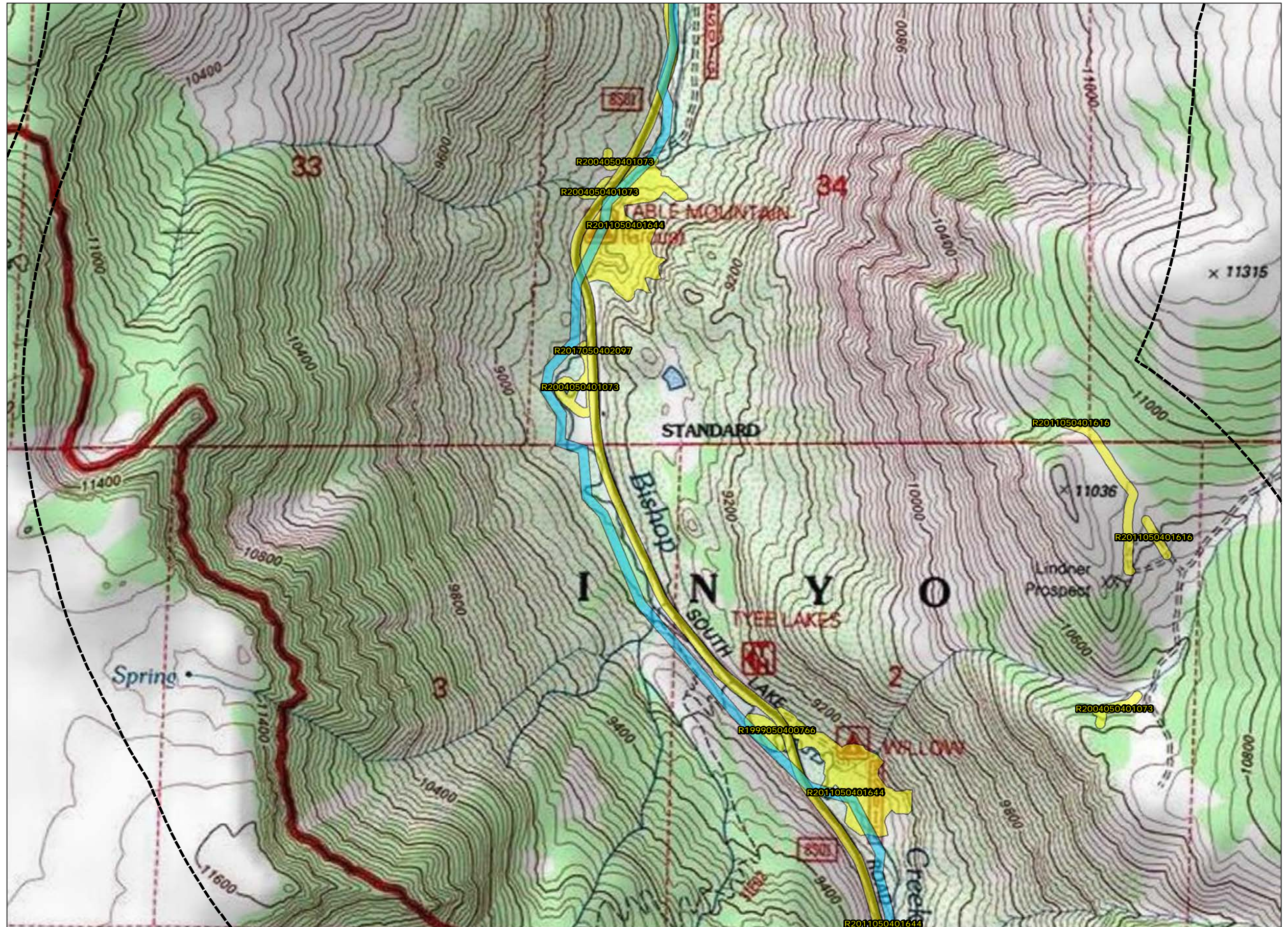
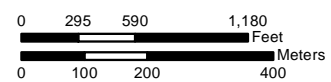
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SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 11 of 13

PROJECT NAME
Bishop Creek Relicensing



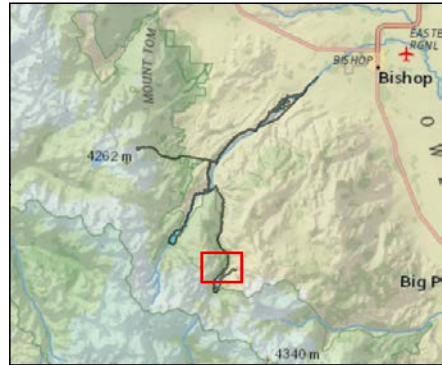
Legend

- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys



Previous Surveys

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BISHOP CREEK PREVIOUS SURVEYS

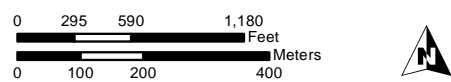
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SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 12 of 13

PROJECT NAME
Bishop Creek Relicensing

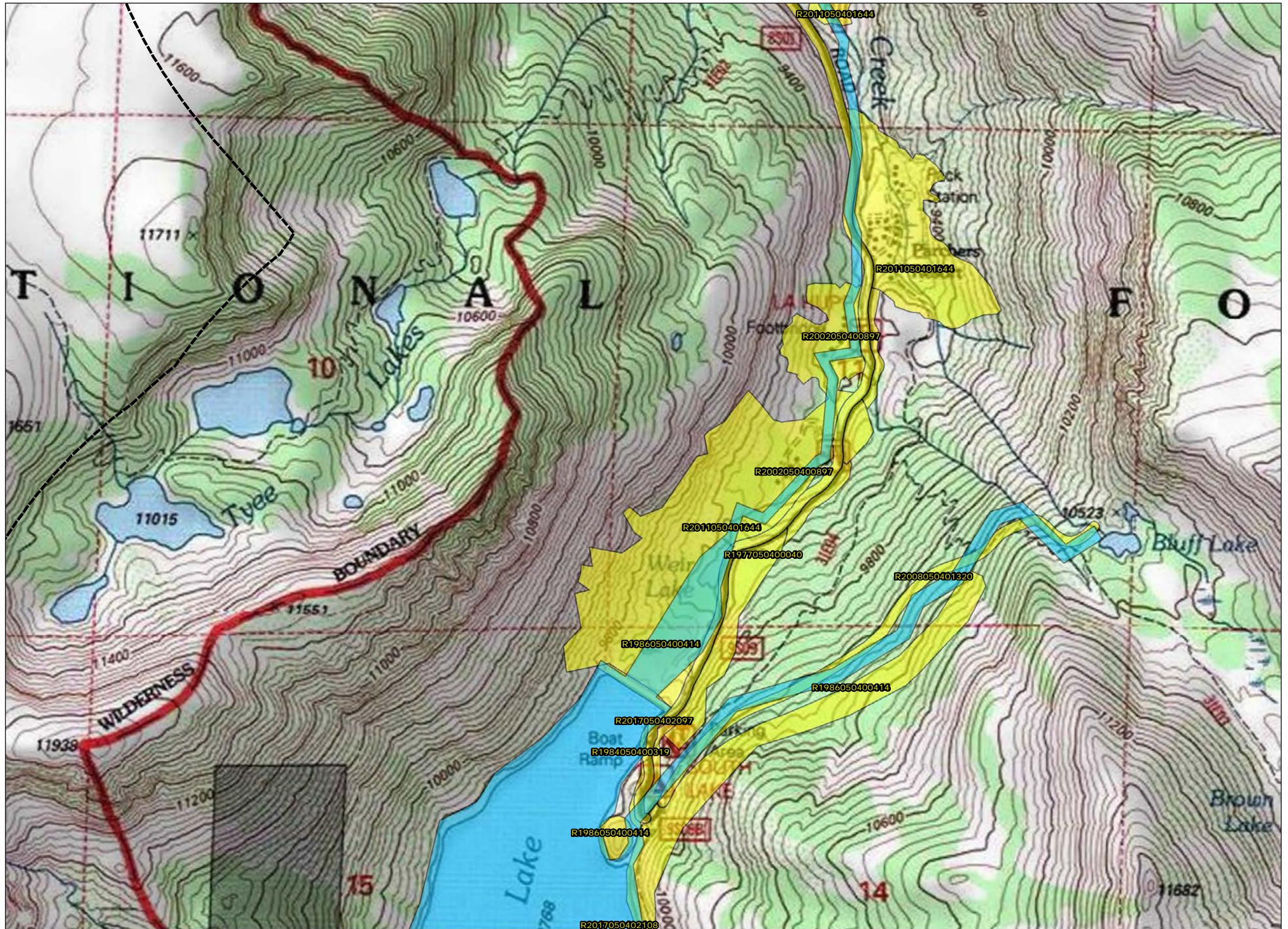


Legend

- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys

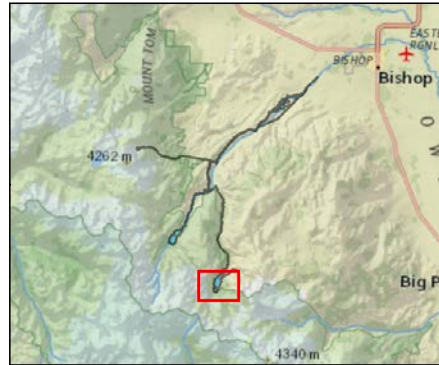


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Previous Surveys

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BISHOP CREEK PREVIOUS SURVEYS

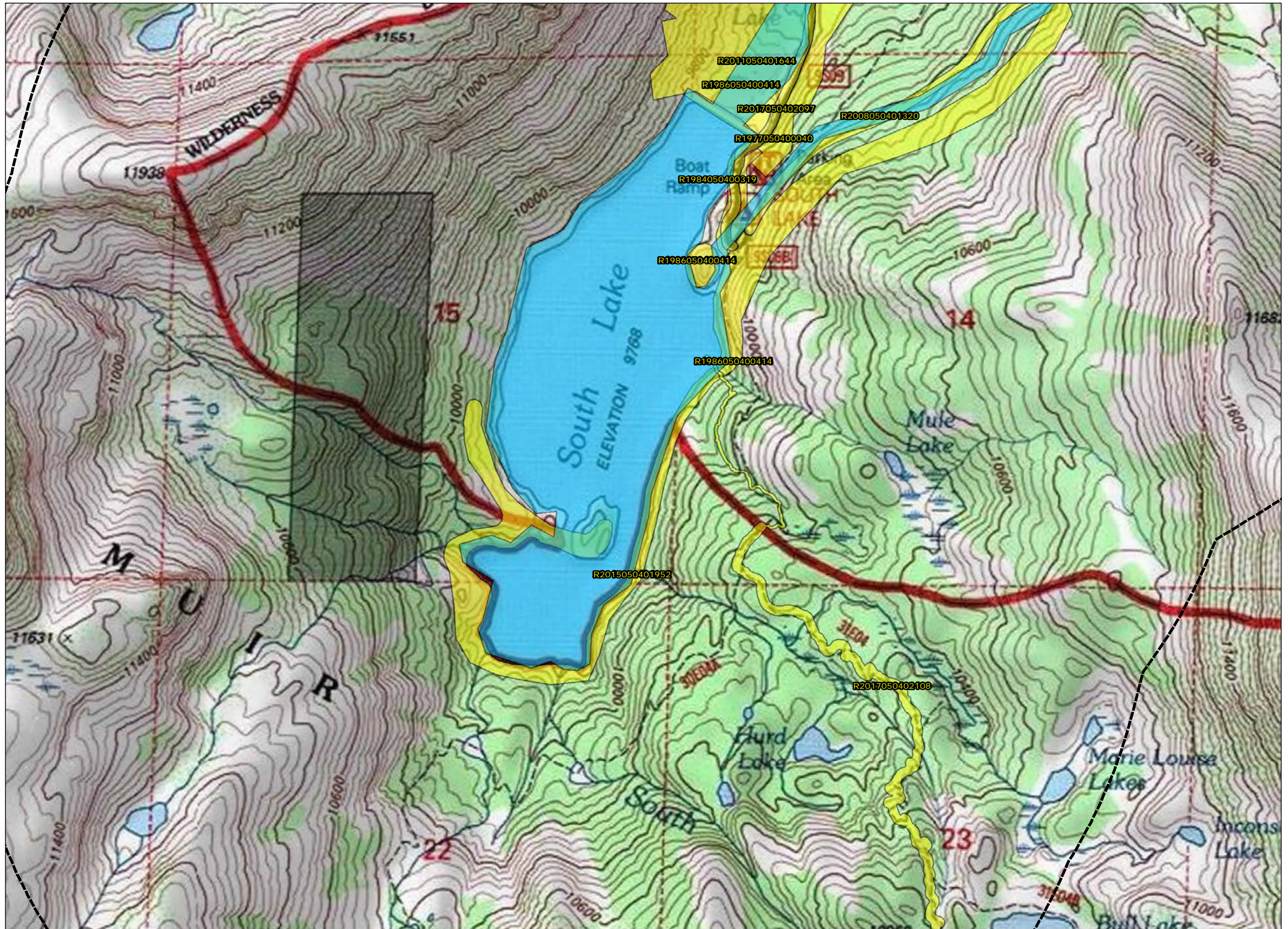
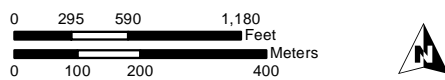
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 13 of 13

PROJECT NAME
Bishop Creek Relicensing



Legend

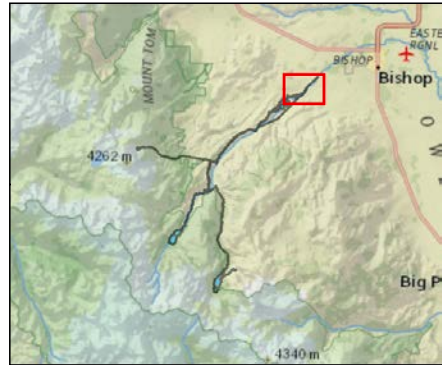
- Study Area
- Bishop Creek FERC Boundary
- Previous Surveys



APPENDIX G
KNOWN ARCHITECTURAL
RESOURCES
MAY 2019

Bishop Creek Hydroelectric System Historic District

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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

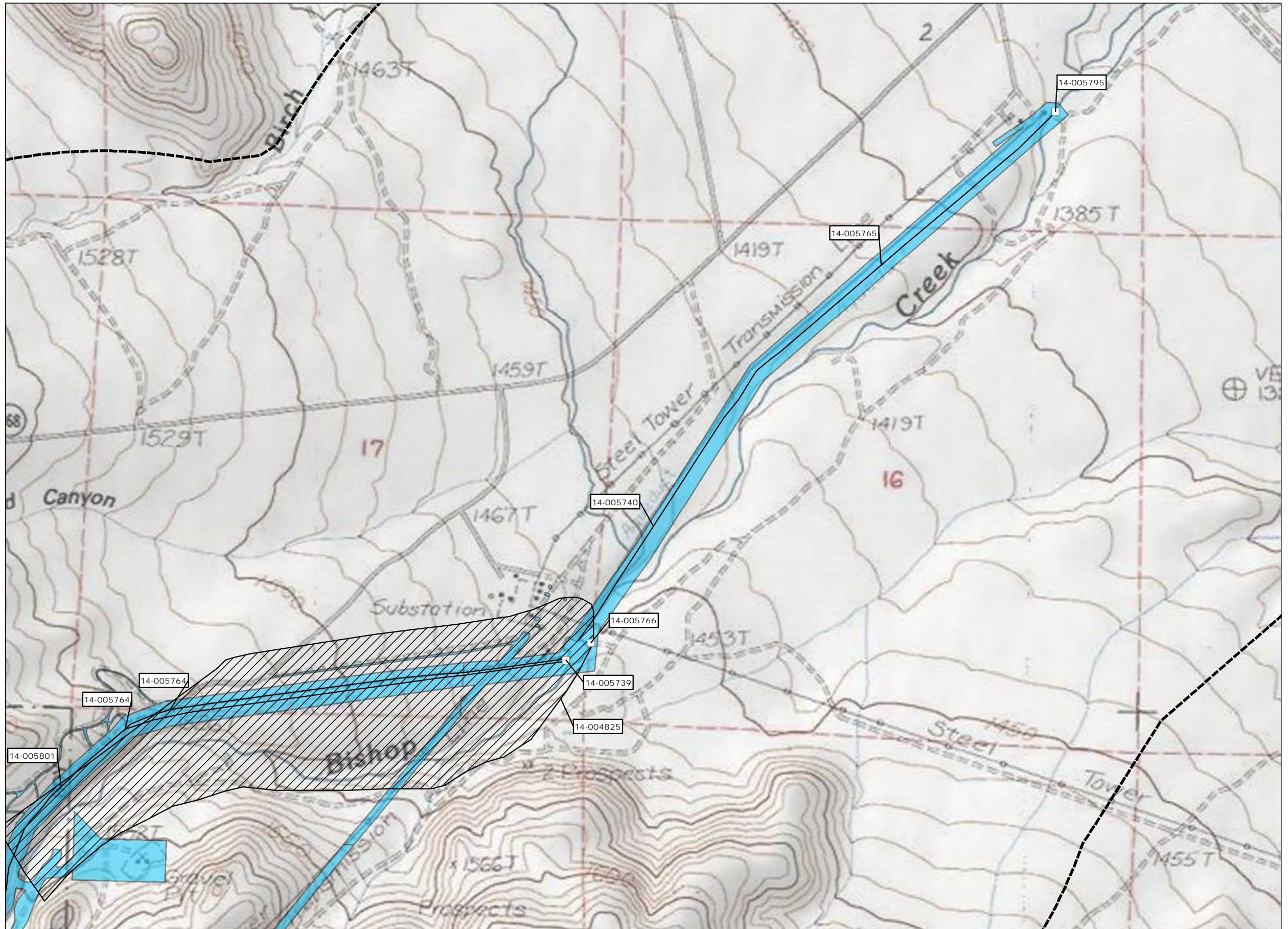
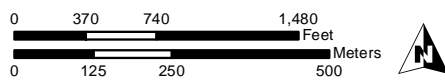
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 1 of 13

PROJECT NAME
Bishop Creek Relicensing



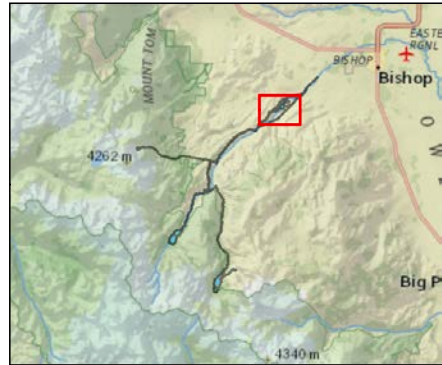
Legend

-  Architectural Resource Location
-  Architectural Resource Line
-  Architectural Resource Area
-  Study Area
-  Bishop Creek FERC Boundary



Bishop Creek Hydroelectric System Historic District

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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

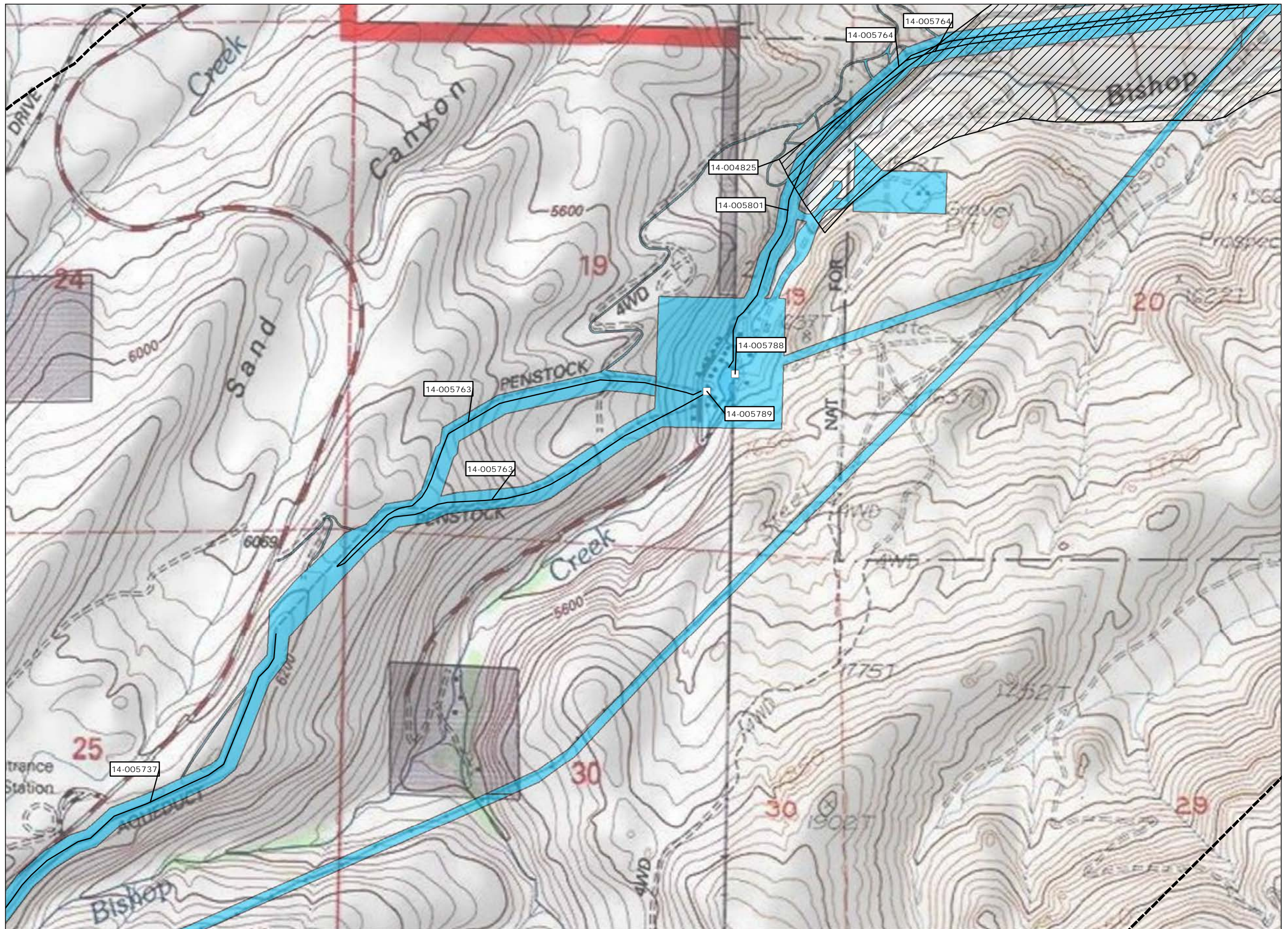
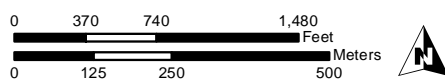
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 2 of 13

PROJECT NAME
Bishop Creek Relicensing



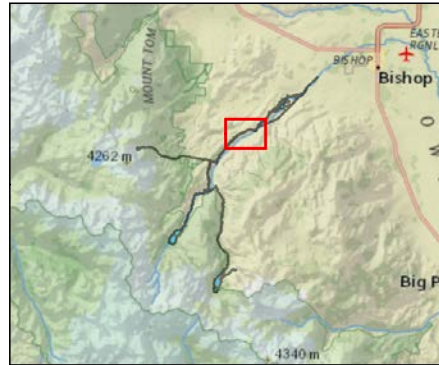
Legend

- Architectural Resource Location
- Architectural Resource Line
- Architectural Resource Area
- Study Area
- Bishop Creek FERC Boundary



Bishop Creek Hydroelectric System Historic District

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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

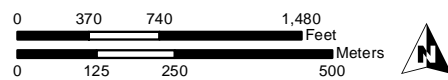
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 3 of 13

PROJECT NAME
Bishop Creek Relicensing



Legend

- Architectural Resource Location
- Architectural Resource Line
- Study Area
- Bishop Creek FERC Boundary

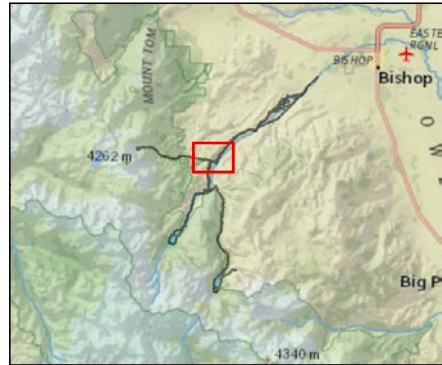


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Bishop Creek Hydroelectric System Historic District

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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

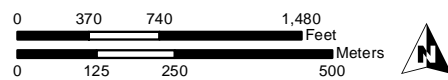
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SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 4 of 13

PROJECT NAME
Bishop Creek Relicensing

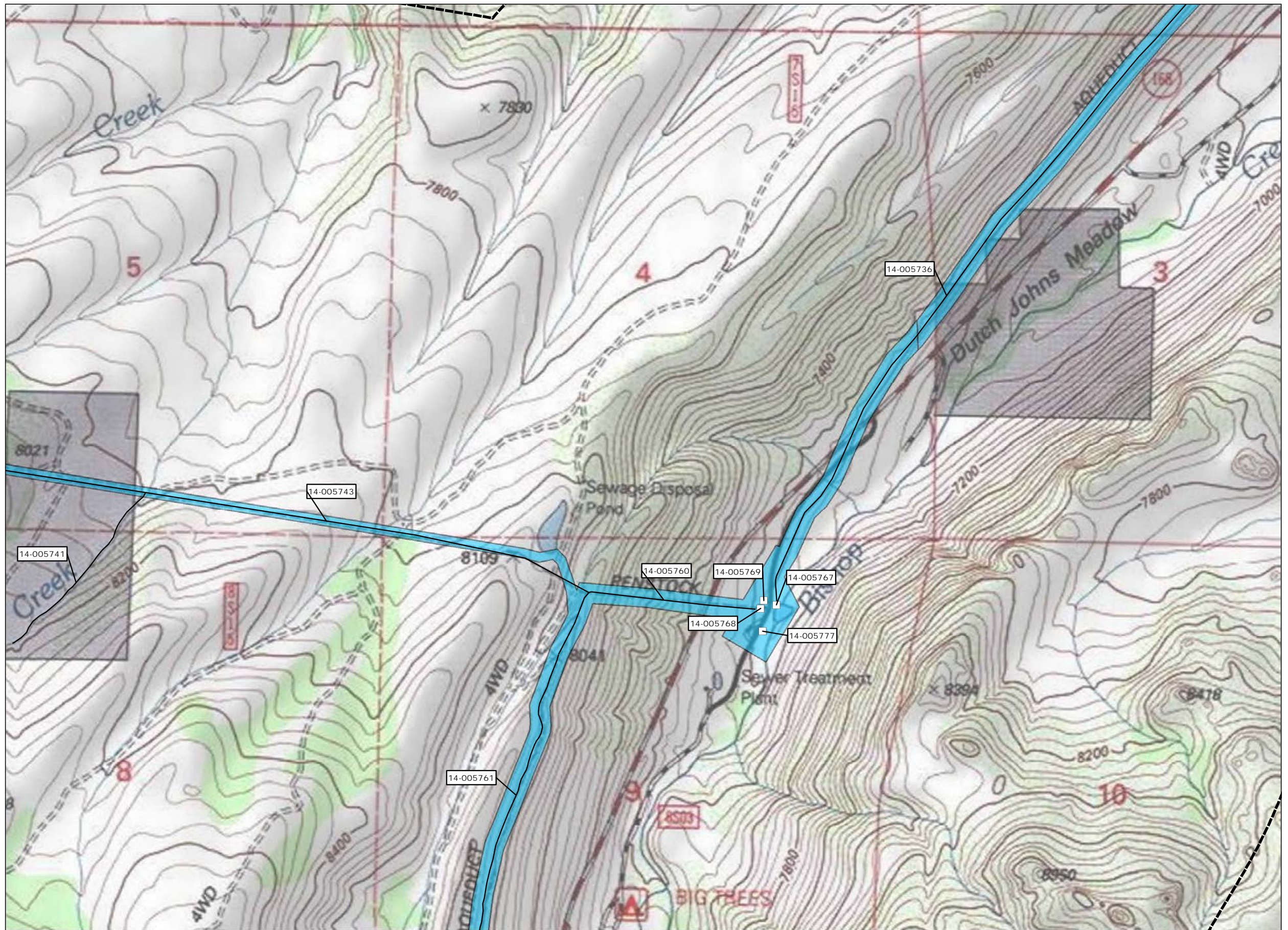


Legend

- Architectural Resource Location
- Architectural Resource Line
- Study Area
- Bishop Creek FERC Boundary

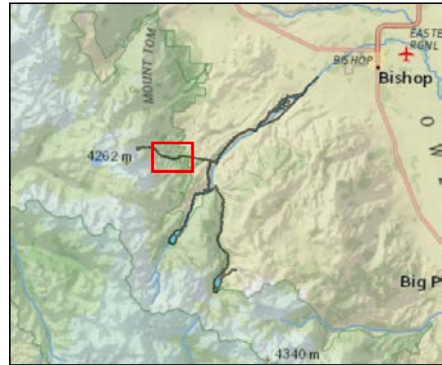


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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

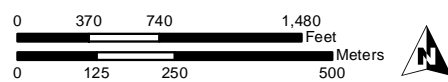
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PROJECT NAME
Bishop Creek Relicensing

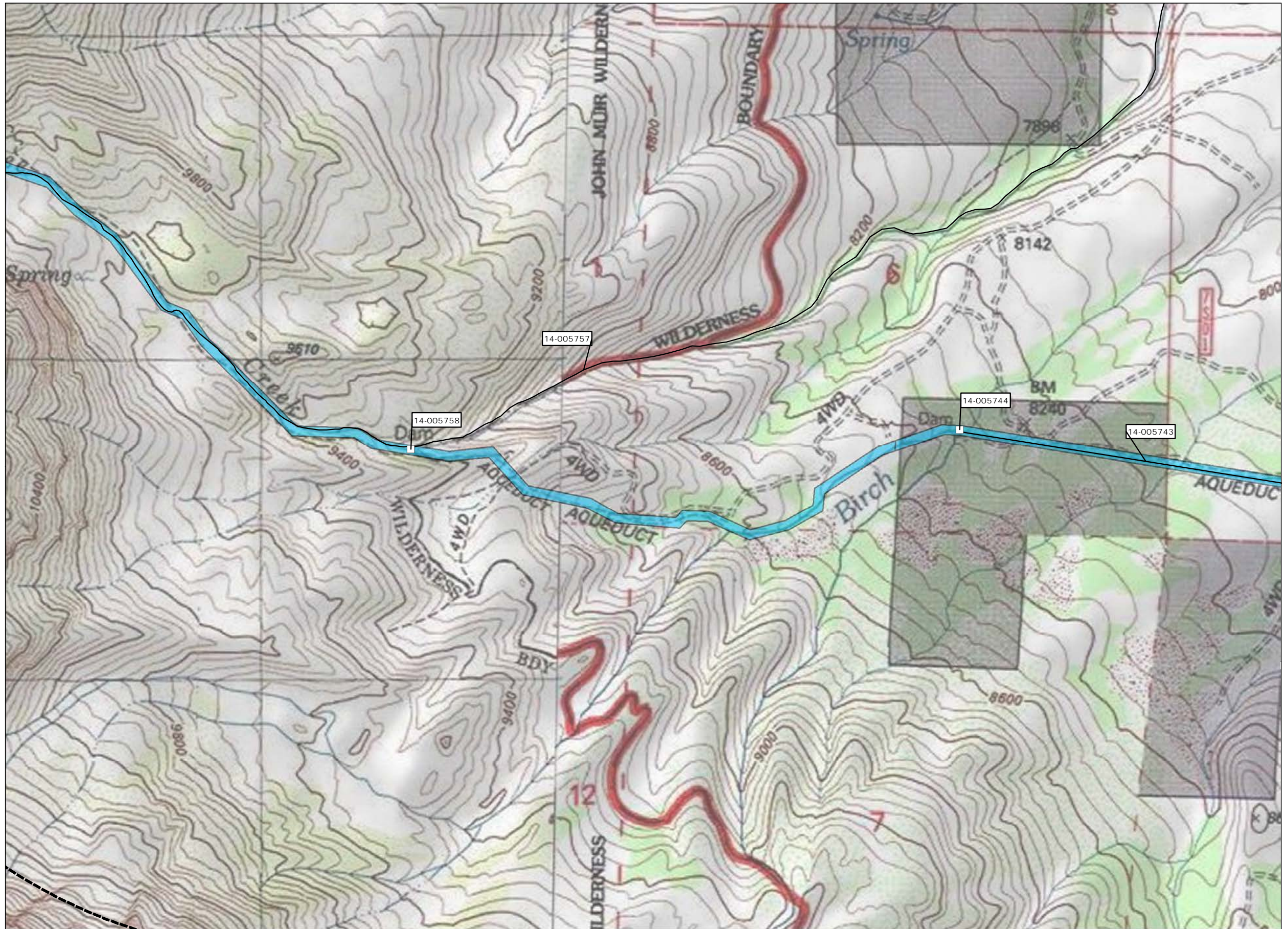


Legend

- Architectural Resource Location
- Architectural Resource Line
- Study Area
- Bishop Creek FERC Boundary

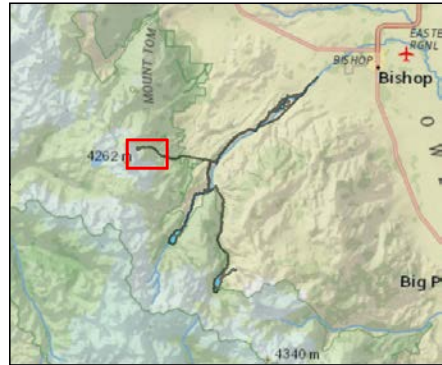


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Bishop Creek Hydroelectric System Historic District

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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

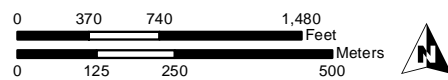
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SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 6 of 13

PROJECT NAME
Bishop Creek Relicensing

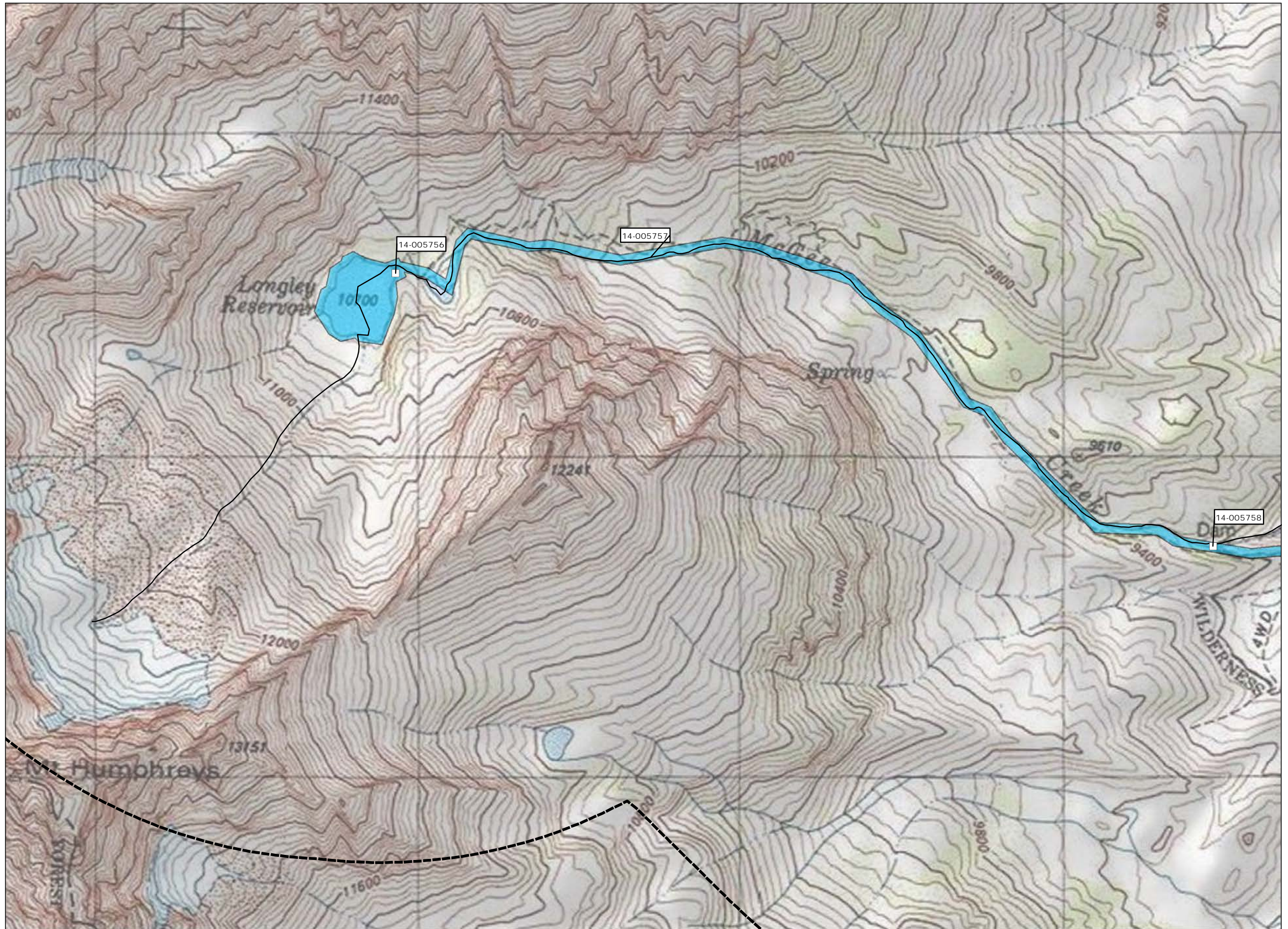


Legend

- Architectural Resource Location
- Architectural Resource Line
- Study Area
- Bishop Creek FERC Boundary

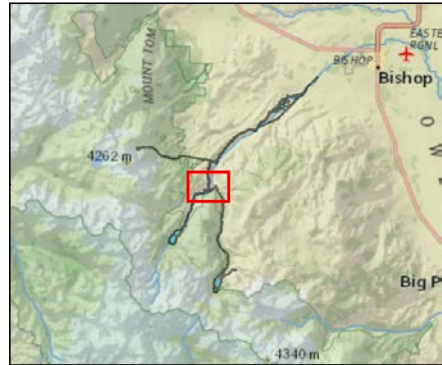


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Bishop Creek Hydroelectric System Historic District

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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

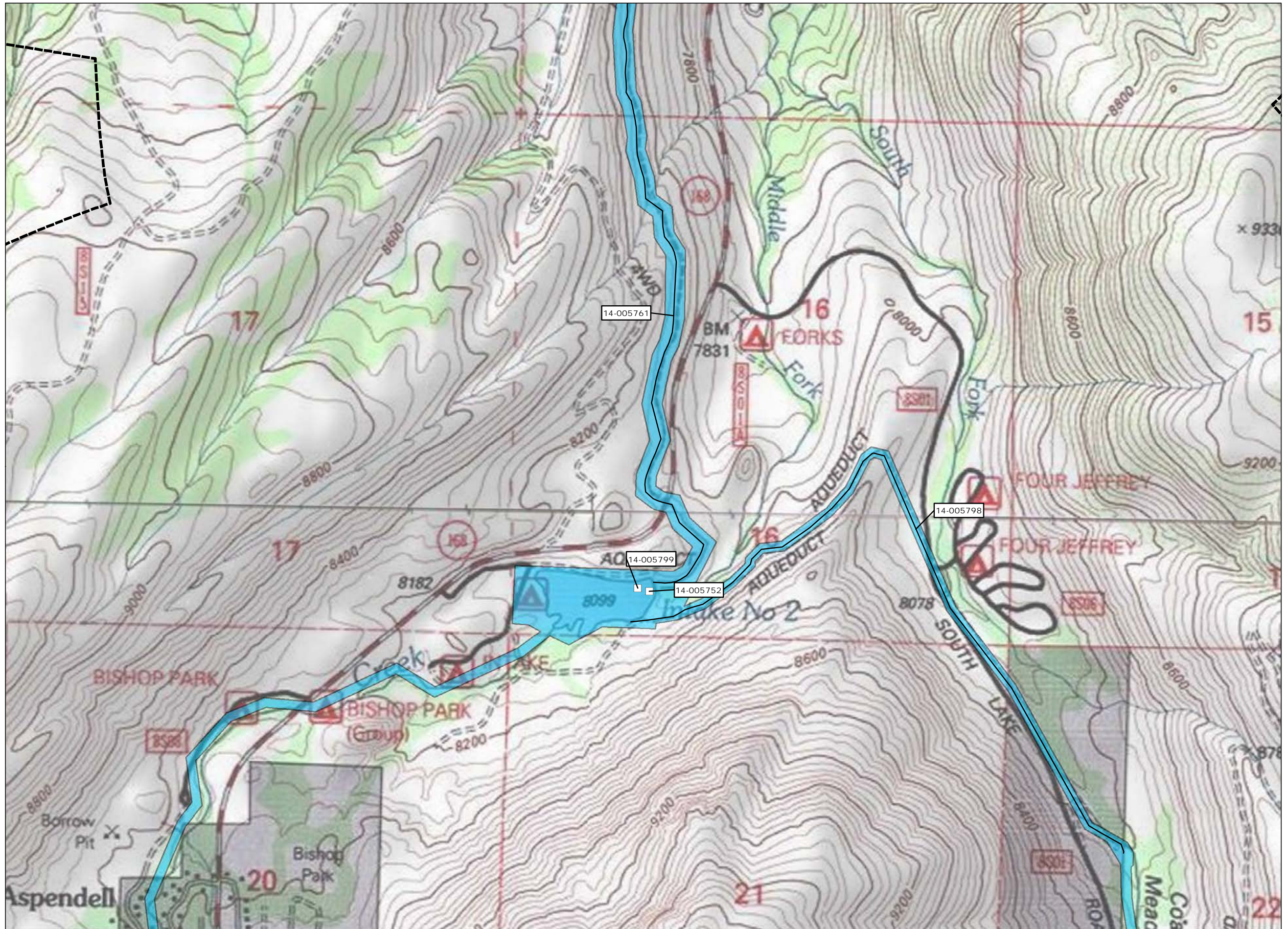
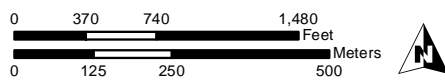
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SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 7 of 13

PROJECT NAME
Bishop Creek Relicensing



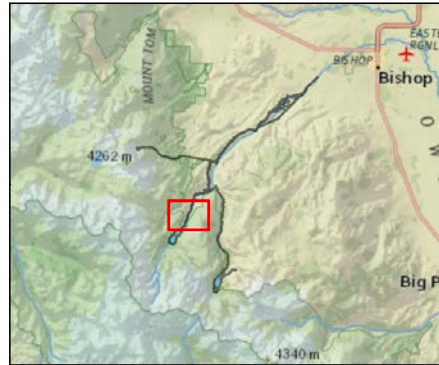
Legend

- Architectural Resource Location
- Architectural Resource Line
- Study Area
- Bishop Creek FERC Boundary



Bishop Creek Hydroelectric System Historic District

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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

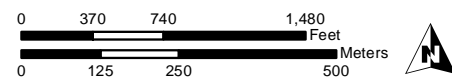
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SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 8 of 13

PROJECT NAME
Bishop Creek Relicensing

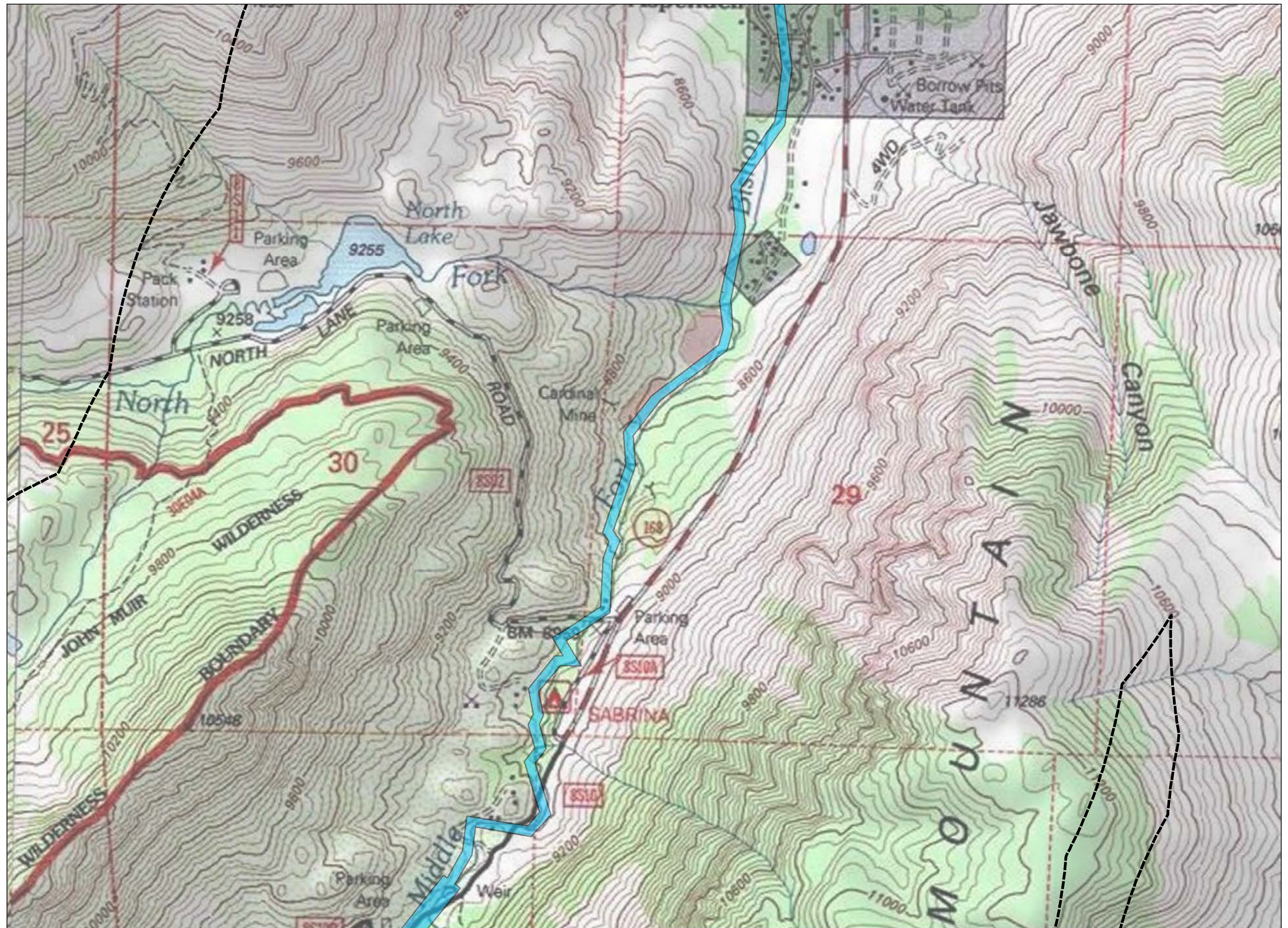


Legend

- Study Area
- Bishop Creek FERC Boundary

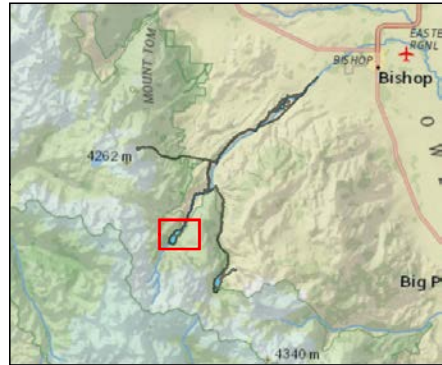


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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

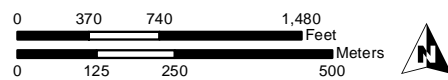
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SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 9 of 13

PROJECT NAME
Bishop Creek Relicensing

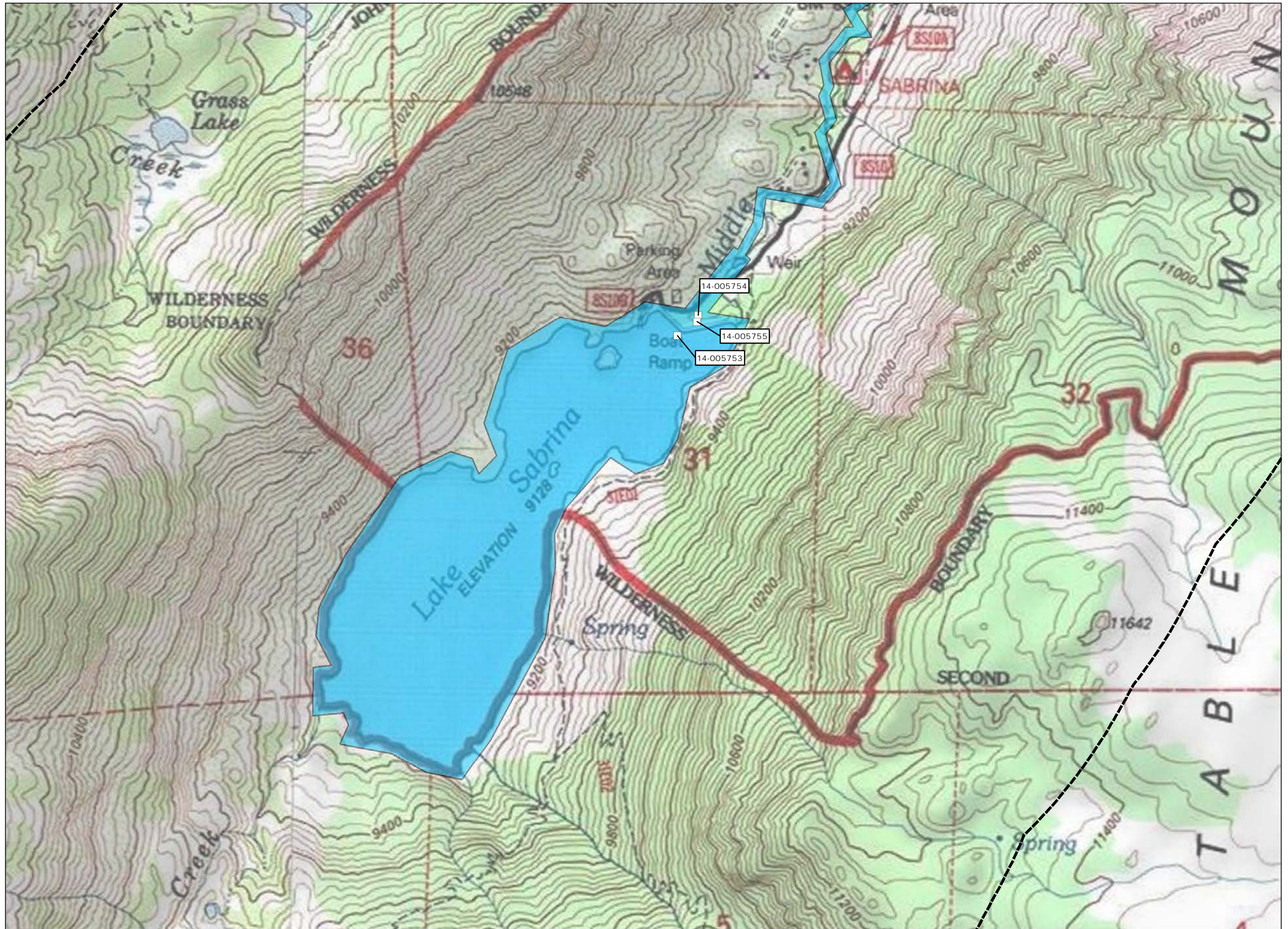


Legend

- Architectural Resource Location
- Study Area
- Bishop Creek FERC Boundary

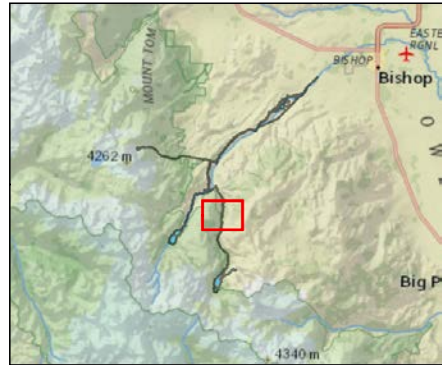


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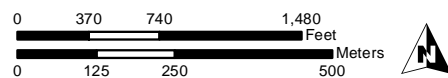
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SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 10 of 13

PROJECT NAME
Bishop Creek Relicensing

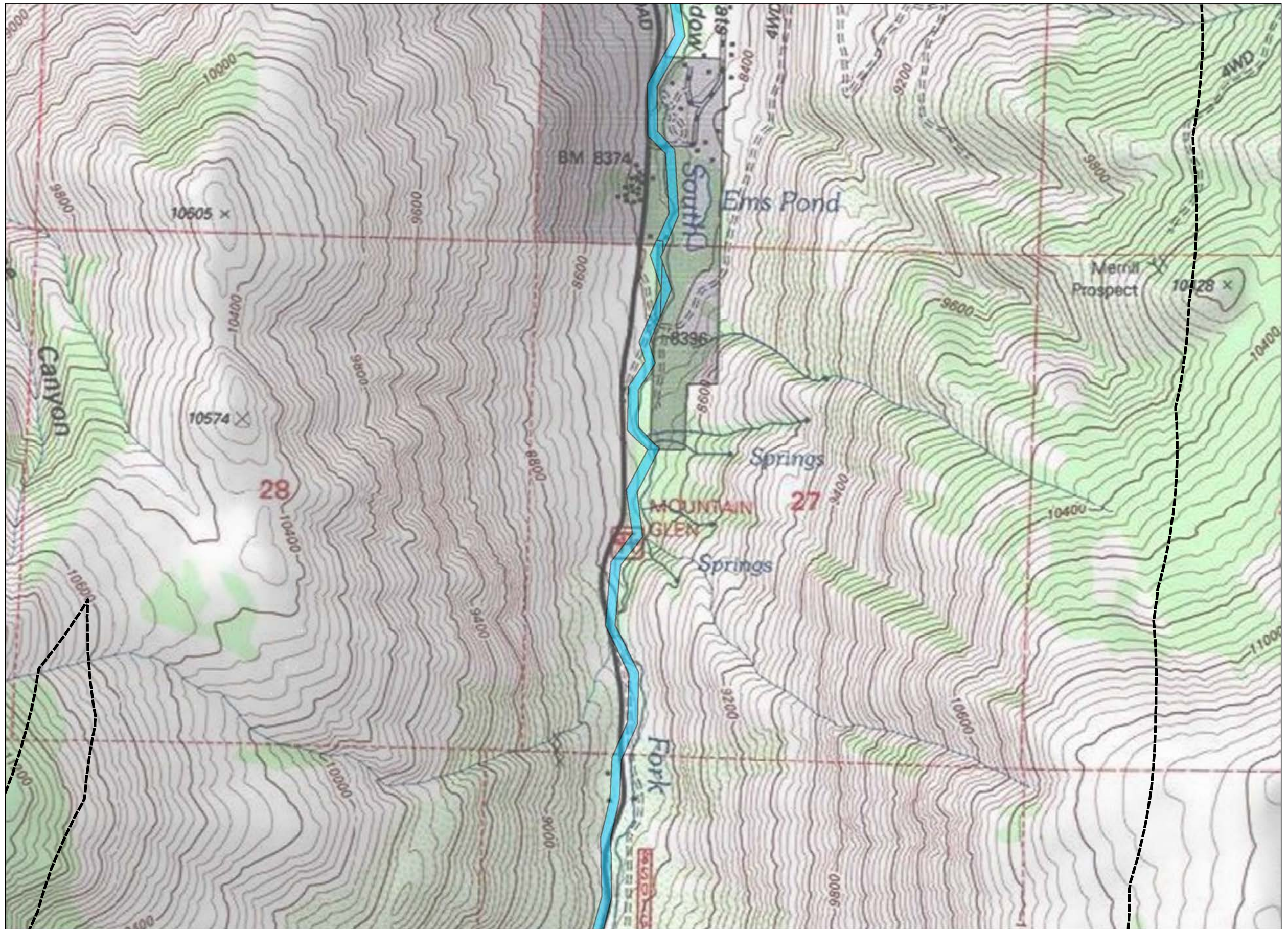


Legend

-  Study Area
-  Bishop Creek FERC Boundary

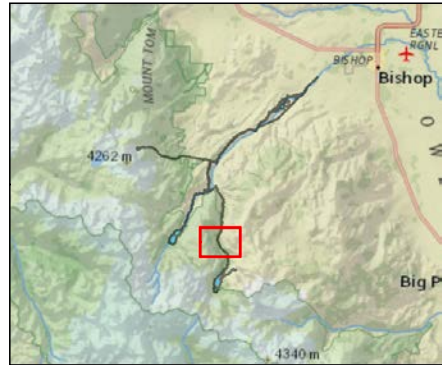


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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

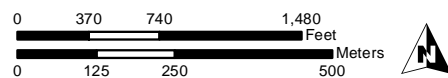
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 11 of 13

PROJECT NAME
Bishop Creek Relicensing

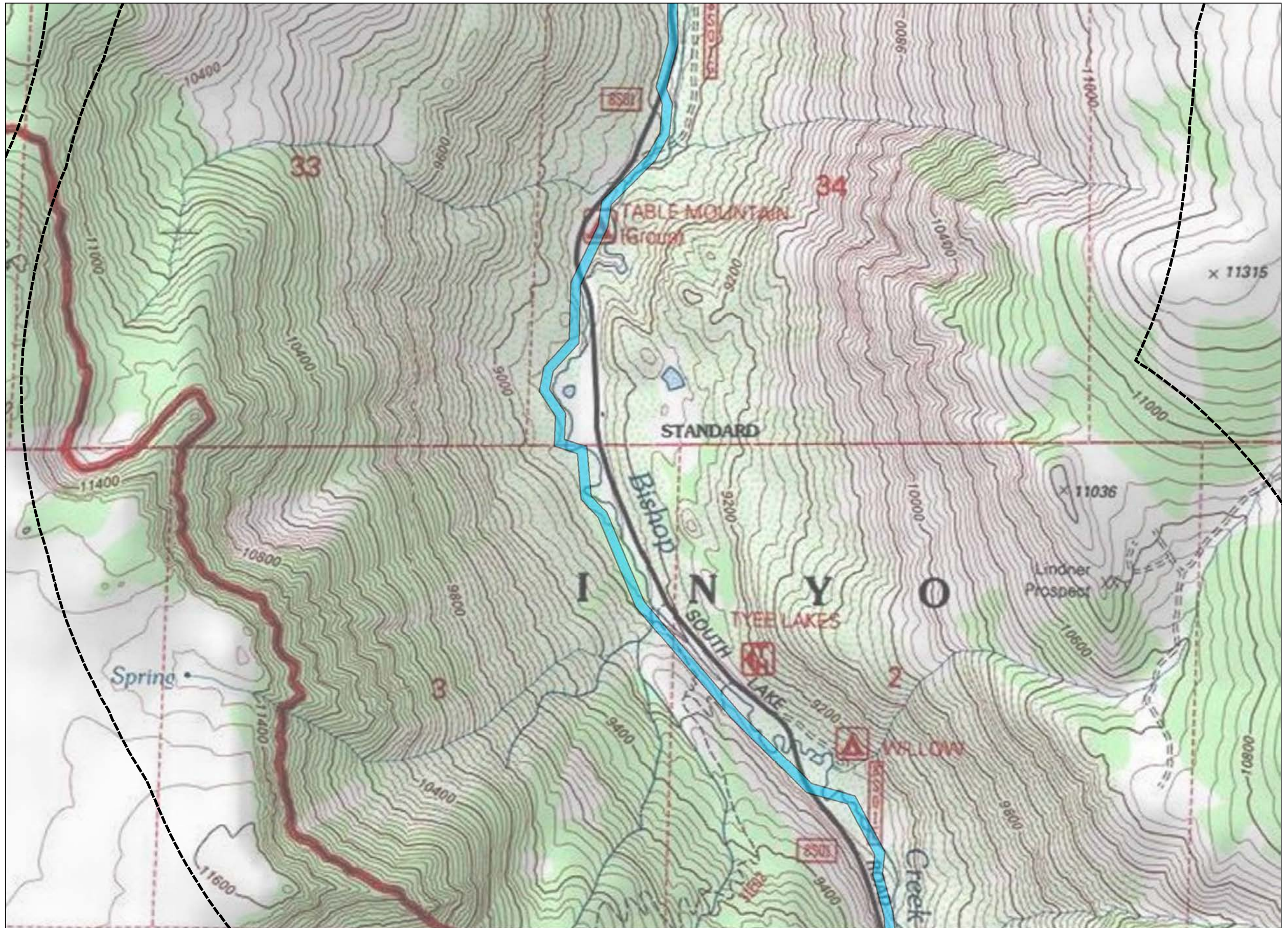


Legend

-  Study Area
-  Bishop Creek FERC Boundary

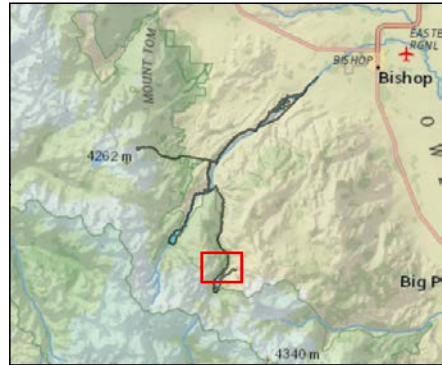


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Bishop Creek Hydroelectric System Historic District

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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

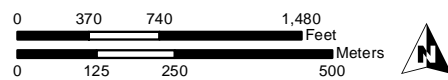
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 12 of 13

PROJECT NAME
Bishop Creek Relicensing

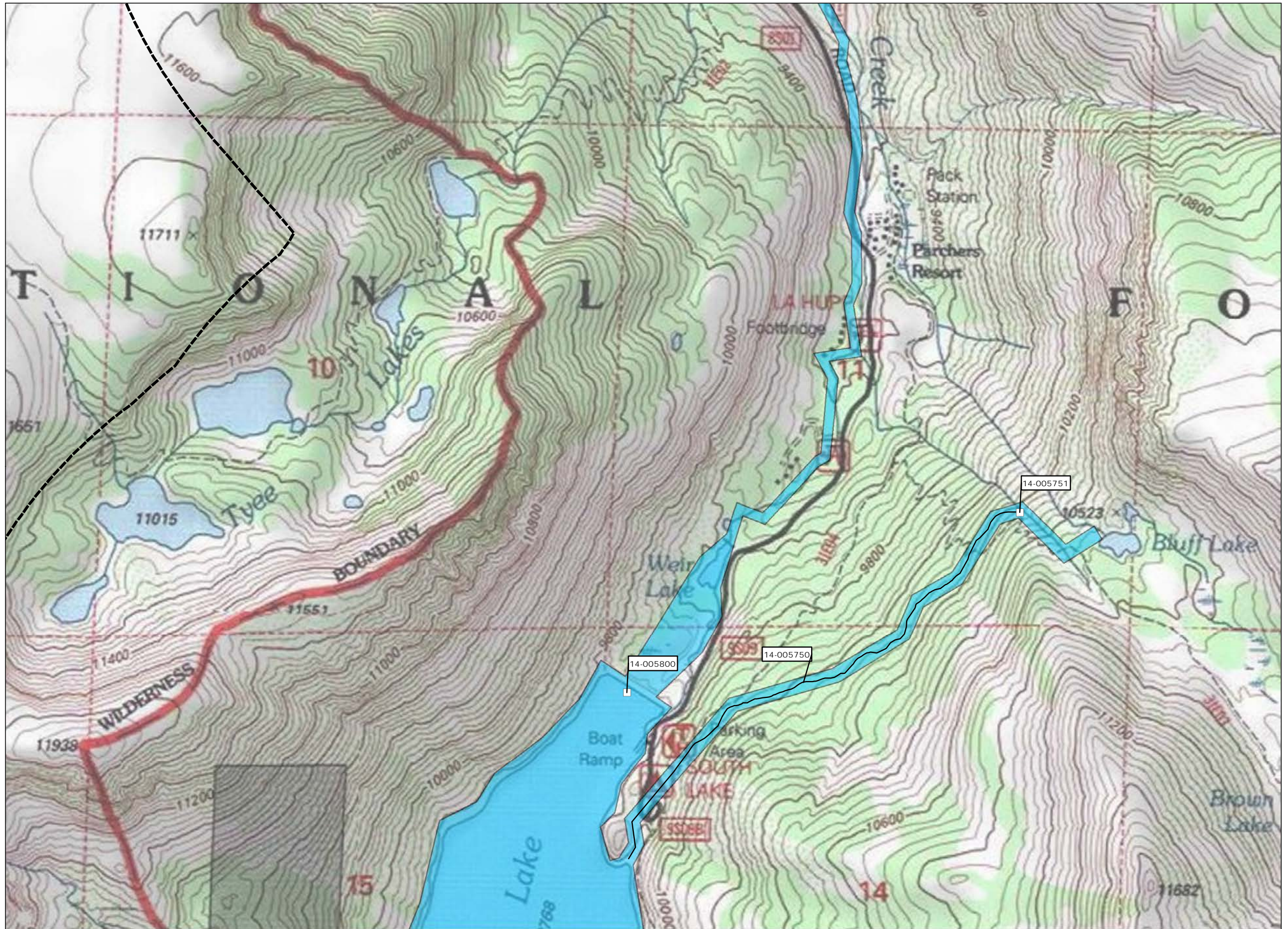


Legend

- Architectural Resource Location
- Architectural Resource Line
- Study Area
- Bishop Creek FERC Boundary

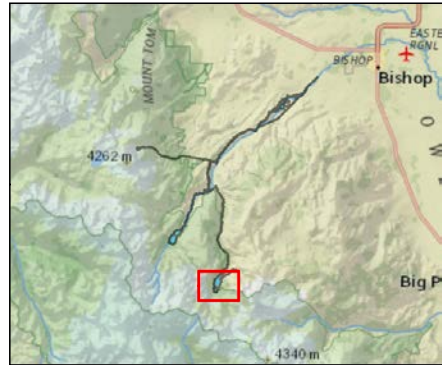


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Bishop Creek Hydroelectric System Historic District

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BISHOP CREEK TOPOGRAPHIC OVERVIEW WITH ARCHITECTURAL RESOURCES

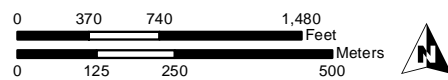
PROJECTION UTM Zone 10	DATUM NAD83	CONTRACTOR NAME Kleinschmidt Associates
SCALE 1:12,000	DATE 1 Feb 2019	MAP NUMBER Page 13 of 13

PROJECT NAME
Bishop Creek Relicensing



Legend

- Architectural Resource Location
- Architectural Resource Line
- Study Area
- Bishop Creek FERC Boundary



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