BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE U.S. DEPARTMENT OF ENERGY IDAHO OPERATIONS OFFICE FUNDING TO SUPPORT THE RAFT RIVER BASIN HYDROLOGIC PROJECT

A RESOLUTION

WHEREAS, Governor Otter directed the Idaho Water Resource Board (IWRB) to develop a water sustainability policy and support water sustainability and aquifer stabilization projects across Idaho to address declining groundwater levels, existing or potential conjunctive administration water use conflicts, alternative water supplies and long-term water management needs; and

WHEREAS, the Eastern Snake Plain Aquifer (ESPA) has been losing approximately 216,000 acre-feet annually from aquifer storage since the 1950's resulting in declining ground water levels in the aquifer and declining spring flows from the aquifer; and

WHEREAS, the State Water Plan, approved by the 2012 Legislature, recognized that measurement, data collection, quantification and monitoring of Idaho’s water supply and use are essential for sound water resource planning, management and administration; and

WHEREAS, the Sustainability Policy Section of the State Water Plan identifies the need to obtain more accurate water supply, water measurement and forecasting information, and a need to disseminate water supply forecast to water users in cooperation with other federal and state agencies; and

WHEREAS, the State Water Plan includes a goal to accomplish managed recharge in the ESPA averaging 250,000 acre-feet annually; and

WHEREAS, the 2016 Idaho Legislature passed and approved Senate Concurrent Resolution 136 directing the IWRB to develop the capacity to achieve 250,000 acre-feet of annual average managed recharge to the ESPA by December 31, 2024; and

WHEREAS, the Raft River Basin contributes tributary underflow to the ESPA, was designated a Critical Ground Water Area in 1963, and is experiencing large groundwater level declines. It contains 117,000 acres of agriculture dependent on a sustainable water supply and supports the only operating commercial geothermal power plant in Idaho; and

WHEREAS, the Idaho Department of Water Resources (IDWR) and the Idaho Geologic Survey developed a four-year proposal for a hydrologic characterization of the Raft River Basin (Raft River Basin Hydrologic Project, “project”) and the IWRB funded Year 1 of the project in September 2019 for $203,500; and

WHEREAS, the Idaho Department of Environmental Quality (IDEQ) may allow a facility that has been found in violation of an environmental regulation to implement supplemental environmental projects (SEP) in lieu of or to reduce a cash penalty; and

WHEREAS, the U.S. Department of Energy Idaho Operations Office (DOE) is undertaking SEPs in connection with the settlement of an enforcement action taken by the IDEQ for alleged violations of the requirements of the Hazardous Waste Management Act; and

WHEREAS, the IWRB previously entered into contracts with DOE in 2017 and 2018 to implementResolution No. 10-2020 Page 1
SEPs to drill ESPA monitoring wells and characterize the Big Lost basin; and

WHEREAS, the IWRB in collaboration with IDWR proposed to DOE a three-year SEP to fund a variety of tasks in the project that include the addition of up to 12 new aquifer monitoring wells in the Raft River basin and the completion of a water quality sampling campaign for a total cost of $832,000; and

WHEREAS, IDEQ approved implementation and funding for this DOE SEP in June 2020 in the amount of $832,000; and

NOW THEREFORE BE IT RESOLVED that the IWRB authorizes the execution of a contract with DOE for the funding of this SEP; and

NOW THEREFORE BE IT RESOLVED that the IWRB authorizes its chairman or designee, Brian Patton, to execute the necessary agreements or contracts with DOE to implement the SEP.

DATED this 30th day of July, 2020.

ROGER W. CHASE, Chairman
Idaho Water Resource Board

ATTEST
VINCE ALBERDI, Secretary
BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF FLOOD MANAGEMENT GRANTS

RESOLUTION TO AWARD FUNDS

WHEREAS, House Bill 646 passed and approved by the Idaho Legislature transferred $800,000 from the General Fund to the Water Management Fund for a Flood Management Grant Program administered by the Idaho Water Resources Board (IWRB) to be used for the purpose of flood-damaged stream channel repair, stream channel improvement, flood risk reduction, or flood prevention projects; and

WHEREAS, House Bill 646 allows for the award of grants larger than $50,000 for the Flood Management Program, at the discretion of the IWRB; and

WHEREAS, House Bill 646 directs the IWRB to require the availability of fifty percent (50%) matching funds for all projects to be considered under the grant program; and

WHEREAS, House Bill 646 directs the IWRB to prioritize projects on a competitive statewide basis; and

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WHEREAS, on April 3, 2020 the IWRB adopted criteria for the award of Flood Management Grants, and

WHEREAS, several of the 2019 Flood Management Grant Projects were completed under budget totaling $280,000. These remaining 2019 funds when combined with the 2020 legislative appropriation total $1,080,000 that may be awarded for 2020 Flood Management Projects; and

WHEREAS, fourteen (14) Flood Management Grant applications were received by the deadline of Friday June 19, 2020 and the applications were evaluated, scored and ranked according to the criteria adopted by IWRB; and

WHEREAS, the Finance Committee met on July 8, 2019 and discussed the projects, but did not provide a specific recommendation to the IWRB and

NOW, THEREFORE BE IT RESOLVED that the IWRB approves the award of Flood Management Grants as specified in the Application Ranking Sheet attached to this resolution.
DATED this 30th day of July, 2020.

ROGER W. CHASE, Chairman
Idaho Water Resource Board

ATTEST
VINCE ALBERDI, Secretary
### 2020 Flood Management Grant Application Ranking and Awards

<table>
<thead>
<tr>
<th>Entity</th>
<th>Funds Requested</th>
<th>Total Project Costs</th>
<th>Final Evaluation Score (135 Pts)</th>
<th>Final Rankings</th>
<th>Awarded Funding</th>
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<td>Lewis Soil Conservation District - Alpine Road</td>
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Resolution No. 11-2020 Attachment
BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE LOST VALLEY RESERVOIR EXPANSION

RESOLUTION TO subordinate a portion of the IWRB’s Water Right Application No. 67-7590 to Lost Valley Reservoir Company’s Water Right Application No. 67-7938

WHEREAS, the Idaho State Water Plan recognizes that surface water development will play a role in meeting Idaho’s future water needs, it supports assessment and development of new high potential storage facilities; and

WHEREAS, an enlargement of the Lost Valley Reservoir, located in the Weiser River Basin north of Council, Idaho is identified in the 2012 Idaho State Water Plan as a reservoir site with apparent high potential for development; and

WHEREAS, the Lost Valley Reservoir Company Board (LVRC) is investigating a potential raise of the Lost Valley Dam (Lost Valley Project, Project) to increase reservoir capacity from approximately 10,000 acre-feet to as much as 30,000 acre-feet to provide additional water supply for irrigation, recreation, fish and wildlife, and other purposes based on interest; and

WHEREAS, the LVRC filed a water right application for 20,000 acre-feet of additional storage water in 1993 (No. 67-7938) and later completed initial design and cost estimates for construction of the Lost Valley Project. In 2013, the LVRC began investigating environmental compliance requirements and updating hydrologic analyses; and

WHEREAS, in 1982, IWRB filed a water right application No. 67-7590 for the proposed Galloway Dam on the Weiser River. The application contemplates a total storage capacity of up to 1,500,000 acre-feet; and

WHEREAS, the priority date of IWRB’s water right application would reduce the fill potential of the new Lost Valley Reservoir space and limit the economic viability of the Lost Valley Project; and

WHEREAS, subordinating a portion of water right application No. 67-7590 would allow the new Lost Valley Reservoir space to be filled prior to the reservoir formed by the Galloway Dam;

NOW, THEREFORE BE IT RESOLVED that the IWRB will subordinate up to 20,000 acre-feet of its water right application to LVRC’s water right application so long as LVRC can demonstrate the following conditions are met:

1) Within three (3) years of the date this resolution, LVRC must advance coordination with the United States Forest Service (USFS) such that the USFS has published the Notice of Intent to prepare the EIS for the Project; and
2) LVRC must obtain a water right permit, approved by the Director of the Idaho Department of Water Resources, for the increased storage capacity in the Lost Valley Reservoir in accordance with criteria set forth in Idaho Code § 42-203A; and

3) Construction of the proposed Lost Valley Dam Project must be complete within ten (10) years of the date of this resolution; and

NOW, THEREFORE BE IT FURTHER RESOLVED that LVRC may apply for extensions to complete conditions 1 and 3 if LVRC can demonstrate good cause and due diligence in the development of the Lost Valley Project.

NOW, THEREFORE BE IT FURTHER RESOLVED that this resolution is not an endorsement of the Lost Valley Reservoir Project, LVRC's water right application, or an approval of the Project by the Board under Idaho Code § 42-1737. The IWRB reserves the right to review the Project pursuant to its authorities under Title 42, Idaho Code.

DATED this 30th day of July 2020.

ROGER W. CHASE, Chairman
Idaho Water Resource Board

ATTEST
VINCE ALBERDI, Secretary