

**Table 1. Lower Basin Shortage Guidelines and Coordinated Management of Lake Powell and Lake Mead
Matrix of Draft Alternatives**

Alternatives	Shortage Guidelines to reduce deliveries from Lake Mead (See Operational Diagrams for further information)	Coordinated Reservoir Operations (Lake Mead & Lake Powell) (See Operational Diagrams for further information)	Lake Mead Storage and Delivery of Conserved and Non-system Water	Interim Surplus Guidelines for deliveries/releases from Lake Mead (See Operational Diagrams for further information)
No Action Alternative	<ul style="list-style-type: none"> • Determination made through the Annual Operating Plan process, absent shortage guidelines • Reasonably represented by a two-level shortage strategy - probabilistic protection of Lake Mead elevation 1050' and absolute protection of Lake Mead elevation 1000' 	<ul style="list-style-type: none"> • Minimum objective release of 8.23 MAF from Lake Powell unless storage equalization releases are required • Operation at low reservoir levels reasonably represented by a 8.23 MAF release from Lake Powell down to Lake Powell dead pool 	<ul style="list-style-type: none"> • No water management mechanism for storage and delivery of conserved system and/or non-system water 	<ul style="list-style-type: none"> • No modification or extension of the Interim Surplus Guidelines which end in 2016 • After 2016, determination made through the Annual Operating Plan process, absent surplus guidelines; reasonably represented by the spill avoidance strategy
Basin States Preliminary Alternative	<ul style="list-style-type: none"> • Shortages (i.e., reduced deliveries) of 400, 500, and 600 KAF from Lake Mead at elevations 1075', 1050', and 1025' respectively • Initiate efforts to develop additional guidelines for shortages if Lake Mead falls below elevation 1025' (Note: includes reconsultation with Basin States) 	<ul style="list-style-type: none"> • Under high reservoir conditions, minimum objective release of 8.23 MAF from Lake Powell unless storage equalization releases are required • Under lower reservoir conditions, either reduce Lake Powell release or balance contents depending upon elevations at Lake Powell and Lake Mead 	<ul style="list-style-type: none"> • Storage and delivery of conserved system and/or non-system water • Maximum total storage for conserved system and/or non-system water in Lake Mead of 2.1 MAF • Maximum delivery from Lake Mead of conserved system and/or non-system water of 1.0 MAF per year • System credit of 5% of stored conserved system and/or non-system water 	<ul style="list-style-type: none"> • Modification of Interim Surplus Guidelines to eliminate Partial Domestic Surplus condition • Extension of the modified guidelines through 2025
Conservation Before Shortage Alternative	<ul style="list-style-type: none"> • Shortages are implemented in any given year when necessary to keep Lake Mead above SNWA's lower intake at 1000' (absolute protection of elevation 1000') 	<ul style="list-style-type: none"> • Under high reservoir conditions, minimum objective release of 8.23 MAF from Lake Powell unless storage equalization releases are required • Under lower reservoir conditions, either reduce Lake Powell release or balance contents depending upon elevation at Lake Powell and Lake Mead 	<ul style="list-style-type: none"> • Prior to shortage, conservation of different volumes of water tied to Lake Mead elevation • Storage and delivery of conserved system and/or non-system water • Water for environmental uses • Maximum total storage of conserved system and/or non-system water greater than 2.1 MAF • System credit of 5% of stored conserved system and/or non-system water 	<ul style="list-style-type: none"> • Modification of Interim Surplus Guidelines to eliminate Partial Domestic Surplus condition • Extension of the modified guidelines through 2025
Water Supply Alternative	<ul style="list-style-type: none"> • Release full annual entitlement amounts until Lake Mead is drawn down to dead pool (elevation 895') 	<ul style="list-style-type: none"> • Minimum objective release of 8.23 MAF from Lake Powell unless storage equalization releases are required • Balancing if Lake Powell is below elevation 3575' or Lake Mead is below elevation 1075' 	<ul style="list-style-type: none"> • No water management mechanism for storage and delivery of conserved system and/or non-system water 	<ul style="list-style-type: none"> • Extension of the existing Interim Surplus Guidelines through 2025
Reservoir Storage Alternative	<ul style="list-style-type: none"> • Shortages (i.e. reduced deliveries) of 600, 800, 1000, and 1200 KAF from Lake Mead at elevations 1100', 1075', 1050', and 1025' respectively 	<ul style="list-style-type: none"> • Minimum objective release of 8.23 MAF from Lake Powell if Lake Powell is above elevation 3595' unless storage equalization releases are required • 7.8 MAF release from Lake Powell between Lake Powell elevations of 3560' and 3595' • Balancing below Lake Powell elevation of 3560' 	<ul style="list-style-type: none"> • Storage and delivery of conserved system and/or non-system water • Maximum total storage of conserved system and/or non-system water greater than 2.1 MAF • System credit greater than 5% of stored conserved system and/or non-system water 	<ul style="list-style-type: none"> • Existing Interim Surplus Guidelines terminate in 2007 • Beginning in 2008, determination made through the Annual Operating Plan process, absent surplus guidelines; reasonably represented by the spill avoidance strategy