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# State of Utah

## DEPARTMENT OF NATURAL RESOURCES Division of Water Rights

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### GREAT SALT LAKE DISTRIBUTION MANAGEMENT PLAN

*Adoption Date: October 1, 2025*

#### Section I - Background

This distribution management plan (Plan) is adopted by the State Engineer to regulate certain water rights below the Great Salt Lake meander line.

*A. Administrative Responsibilities Over Great Salt Lake.*

All waters in the state, including waters above the bed of the Great Salt Lake, are the property of the public. The State Engineer is responsible for the general administrative supervision of the waters of the state and the measurement, appropriation, apportionment, and distribution of those waters. The State Engineer fulfills the duty to apportion and distribute water according to the respective rights of appropriators—also known as the principle of prior appropriation. For Great Salt Lake water rights, the State Engineer is also directed by law to base this Plan on the principle of multiple use sustained yield.

*B. Water in Great Salt Lake and Scope of the Plan*

As a terminal lake in the American West, the elevation of the Great Salt Lake fluctuates over time—sometimes substantially. The mean lake elevations used in the Plan's priority schedule are intended to be in harmony with, but not necessarily exactly the same as, elevation thresholds, triggers, or targets: contained in the Great Salt Lake Comprehensive Management Plan; identified in the Great Salt Lake Commissioner's strategic plan; or applied by any other governmental officer or entity. The priority schedule applies only to Great Salt Lake water rights. Consequently the Plan does not provide for a priority call on water rights not explicitly included in the priority schedule, including water rights in the Great Salt Lake watershed located upstream of the Great Salt Lake meander line.

*C. Great Salt Lake Matters Outside the Scope of the Plan*

The Plan regulates Great Salt Lake water rights. Depending on the terms of an approved application, the Plan may also apply to other water rights with a place of use below the Great Salt Lake meander line, such as water approved for use on sovereign lands under Section 73-3-30. But most of the water that is physically present above the bed of the lake is not associated with a Great Salt Lake water right. Decisions and actions taken with regard to such water, including regulating the elevation or flow of water between the various arms of the lake, are the responsibility of the relevant body or official designated by law, subject to any conditions contained in an applicable water right.

## **Section II - Introduction**

The Great Salt Lake Distribution Management Plan (the Plan) is established by the State Engineer in accordance with statutory requirements outlined in Utah Code Chapter 73-33. The Plan serves as the foundation for the measurement, appropriation, apportionment, and distribution of water within the Great Salt Lake meander line.

As identified under Subsection 73-33-201(1), the primary objectives of the Plan include:

- Establishing requirements for the accurate measurement, quantification, and reporting of diversions, depletions, and return flows associated with Great Salt Lake water rights.
- Developing procedures for the equitable apportionment and distribution of Great Salt Lake water rights, consistent with the principles of prior appropriation and the multiple use sustained yield approach as these principles relate to the reasonable preservation or enhancement of the lake's natural aquatic environment.

In crafting the Plan, the State Engineer has undertaken an analysis of critical factors that influence the lake's water resources. These considerations include the lake's physical characteristics, elevation, and salinity levels; the priorities outlined in the Great Salt Lake Commissioner's Strategic Plan and the Great Salt Lake Comprehensive Management Plan; and the characteristics of Great Salt Lake water rights.

## **Section III - Definitions of Terms**

"Dedicated Water" means the quantity of water approved for delivery to or in the Great Salt Lake under water rights approved for beneficial use by a division, as defined in Subsection 73-3-30(1)(b).

"Great Salt Lake Comprehensive Management Plan" means the plan adopted by a record of decision by the Division of Forestry, Fire, and State Lands for the management of the Great Salt Lake.

"Great Salt Lake meander line" means the same as that term is defined in Subsection 65A-17-101(7).

"Great Salt Lake water right" means a water right that allows for the diversion of surface water or groundwater from a point below the Great Salt Lake meander line and that contemplates the recovery of salts or another mineral or element, as defined in Subsection 65A-17-101(10), from the water resource by precipitation or otherwise.

"Great Salt Lake watershed" means the drainage area for the Great Salt Lake, the Bear River watershed, the Jordan River watershed, the Utah Lake watershed, the Weber River watershed, and the West Desert watershed.

## **Section IV - Great Salt Lake Water Rights**

Table 1 summarizes the Great Salt Lake water rights that were approved at the time the Plan was adopted. As future administrative actions (e.g., appropriations, change applications, ownership updates, etc.) to the list of Great Salt Lake water rights are requested, the list will be updated to reflect the corresponding actions of the State Engineer without formal amendment of the Plan.

**Table 1. Great Salt Lake Water Rights**

<b>Water Right Number</b>	<b>Priority Date</b>	<b>Source</b>	<b>CFS</b>	<b>ACFT</b>	<b>Ownership</b>
<a href="#"><u>15-306</u></a>	12/21/1940	Great Salt Lake	10.1268	-	Salt Pointe Land Company
<a href="#"><u>15-5899</u></a>	12/21/1940	Great Salt Lake	0.1832	-	Salt Pointe Land Company
<a href="#"><u>15-341</u></a>	9/15/1949	Great Salt Lake	10.2587	-	Salt Pointe Land Company
<a href="#"><u>15-5900</u></a>	9/15/1949	Great Salt Lake	0.0513	-	Salt Pointe Land Company
<a href="#"><u>15-414</u></a>	5/13/1955	Great Salt Lake	20	-	Morton Salt Inc.
<a href="#"><u>13-246</u></a>	1/8/1962	Great Salt Lake	-	27,000.0	Compass Minerals Ogden Inc.
<a href="#"><u>13-3091</u></a>	1/8/1962	Great Salt Lake	-	67,000.0	Compass Minerals Ogden Inc.
<a href="#"><u>13-3569</u></a>	1/8/1962	Great Salt Lake	-	62,000.0	Compass Minerals Ogden Inc.
<a href="#"><u>15-616</u></a>	3/22/1965	Great Salt Lake	-	54,750.0	U.S. Magnesium L.L.C.
<a href="#"><u>13-1109</u></a>	6/11/1965	Bear River	-	17,792.0	Compass Minerals Ogden Inc.
<a href="#"><u>13-3345</u></a>	6/11/1965	Bear River Bay	-	49,208.0	Compass Minerals Ogden Inc.
<a href="#"><u>35-2343</u></a>	7/27/1965	Underground Water Well	0.15	-	Compass Minerals Ogden Inc.
<a href="#"><u>35-5373</u></a>	7/27/1965	Underground Water Wells	24.85	-	Compass Minerals Ogden Inc.
<a href="#"><u>35-4012</u></a>	6/17/1966	Underground Water Wells	1.5	-	Compass Minerals Ogden Inc.
<a href="#"><u>15-2161</u></a>	5/9/1967	Great Salt Lake	-	54,750.0	U.S. Magnesium L.L.C.
<a href="#"><u>16-727</u></a>	10/16/1972	Great Salt Lake	-	35,290.0	U.S. Magnesium L.L.C.
<a href="#"><u>15-2182</u></a>	3/4/1993	Great Salt Lake	25.0	-	Morton Salt, Inc.
<a href="#"><u>15-3850</u></a>	3/4/1993	Great Salt Lake	24.8	-	Morton Salt, Inc.
<a href="#"><u>15-5902</u></a>	3/4/1993	Great Salt Lake	50.2	-	Morton Salt, Inc.
<a href="#"><u>13-3723</u></a>	9/03/2003	Great Salt Lake	-	125.0	North Shore Limited Partnership
<a href="#"><u>13-3846</u></a>	6/21/2006	Great Salt Lake	-	1.7	Earths Elements Inc.
<a href="#"><u>13-3871</u></a>	2/6/2008	Underground Water Well	-	66.0	Compass Minerals Ogden Inc.
<a href="#"><u>13-3884</u></a>	11/26/2008	Great Salt Lake	-	10.0	Earths Elements
<a href="#"><u>13-3457</u></a>	8/28/2012	Great Salt Lake	83	-	Compass Minerals Ogden Inc.
<a href="#"><u>13-4130</u></a>	8/28/2012	Great Salt Lake	167	-	Forestry, Fire and State Lands

## **Section V - Water Dedicated to Great Salt Lake**

Subsection 73-33-201(2) directs the State Engineer to consider Dedicated Water delivered to or in the Great Salt Lake. Table 2 summarizes the Dedicated Water rights that have an approved application that allows water to be used on sovereign lands for the propagation or maintenance of wildlife, the management of state parks, or the reasonable preservation or enhancement of the natural aquatic environment at the time the Plan was adopted. Dedicated water is not available for diversion by Great Salt Lake water rights unless otherwise provided for under an approved application. As future applications

under Section 73-3-30 are approved, the list will be updated to reflect the corresponding actions of the State Engineer without formal amendment of the Plan.

**Table 2. Applications Approved under Section 73-3-30 for Great Salt Lake**

<b>Water Right Number</b>	<b>Application Number</b>	<b>Source</b>	<b>CFS</b>	<b>ACFT</b>	<b>Ownership</b>
<a href="#">59-3518</a>	<a href="#">f46437</a>	Jordan River	30	18,386.77	Kennecott Utah Copper LLC Utah Division of Wildlife Resources
<a href="#">35-476</a>	<a href="#">a47913</a>	Hooper Slough	-	248.08	EBJ-2, LLC Utah Division of Wildlife Resources
<a href="#">57-10981</a>	<a href="#">a49954</a>	Utah Lake and Jordan River	-	3,500.0	Utah Division of Wildlife Resources East Jordan Irrigation Company
<a href="#">57-6754</a>	<a href="#">f50223</a>	Jordan River	-	9,661.92	Metropolitan Water District of Salt Lake & Sandy Salt Lake City Corp Sandy City Corporation Utah Division of Wildlife Resources
<a href="#">59-23</a>	<a href="#">a50505</a>	Jordan River	83.65	28,733.1	Kennecott Utah Copper LLC Utah Division of Wildlife Resources
<a href="#">59-30</a>	<a href="#">a50506</a>	Jordan River	23.7225	17,174.5	Kennecott Utah Copper LLC Utah Division of Wildlife Resources
<a href="#">59-3517</a>	<a href="#">a50507</a>	Jordan River	26.64	8,750.0	Kennecott Utah Copper LLC Utah Division of Wildlife Resources
<a href="#">59-5272</a>	<a href="#">f50738</a>	Utah Lake and Jordan River	51.49	10,000.0	Jordan Valley Water Conservancy District Utah Division of Wildlife Resources Welby Jacob Water Users Company Utah Division of Forestry Fire and State Lands
<a href="#">59-6048</a>	<a href="#">a51083</a>	Jordan River	68.871	20,650.23	North Point Consolidated Irrigation Company Utah Division of Forestry, Fire and State Lands
<a href="#">59-5334</a>	<a href="#">f51947</a>	Jordan River	8.52	2,927.0	Central Utah Water Conservancy District Utah Division of Wildlife Resources
<a href="#">57-3575</a>	<a href="#">f51983</a>	Jordan River	25.0	5,565.91	Jordan Valley Water Conservancy District Utah Division of Wildlife Resources
<a href="#">59-5771</a>	<a href="#">f51985</a>	Jordan River	-	4,330.638	Jordan Valley Water Conservancy District Utah Division of Wildlife Resources
<a href="#">59-5772</a>	<a href="#">f51986</a>	Jordan River	13.501	2,163.672	Jordan Valley Water Conservancy District Utah Division of Wildlife Resources
<a href="#">13-246</a>	<a href="#">a52152</a>	Great Salt Lake	-	156,000.0	Compass Minerals Utah Division of Forestry Fire and State Lands

**Table 2. Applications Approved under Section 73-3-30 for Great Salt Lake (Continued)**

<b>Water Right Number</b>	<b>Application Number</b>	<b>Source</b>	<b>CFS</b>	<b>ACFT</b>	<b>Ownership</b>
<a href="#">13-3457</a>	<a href="#">a52277</a>	Great Salt Lake	-	60,089.257	Compass Minerals Utah Division of Forestry Fire and State Lands
<a href="#">13-3723</a>	<a href="#">a53108</a>	Great Salt Lake	-	125.0	North Shore Limited Partnership Utah Division of Forestry Fire and State Lands
<a href="#">59-5619</a>	<a href="#">f53187</a>	Utah Lake and Jordan River	9.5641	1,780.92	Jordan Valley Water Conservancy District Utah Division of Wildlife Resources Utah and Salt Lake Canal Company Utah Division of Forestry Fire and State Lands
<a href="#">13-3846</a>	<a href="#">a53323</a>	Great Salt Lake	-	11.7	Earth's Elements Inc. Utah Division of Forestry Fire and State Lands
<a href="#">13-4130</a>	<a href="#">a53322</a>	Great Salt Lake	167.0	120,908.0	Utah Division of Forestry Fire and State Lands
<a href="#">15-414</a>	<a href="#">a53468</a>	Great Salt Lake	-	32,578.0	Morton Salt Inc. Utah Division of Forestry Fire and State Lands

## **Section VI - Apportionment and Distribution**

Under Subsection 73-33-201(2)(b), the State Engineer is directed to base the Plan on the principles of prior appropriation and multiple use sustained yield in relation to the reasonable preservation or enhancement of the Great Salt Lake's natural aquatic environment. Among the elements that the State Engineer may consider in the Plan is the apportionment of Great Salt Lake water rights, Great Salt Lake elevation, and Dedicated Water.

Accordingly, the State Engineer has established a priority schedule that apportions Great Salt Lake water rights according to their respective priority dates in connection with a corresponding lake elevation range wherein the rights are available for diversion and beneficial use (see Table 3) for the following calendar year. The lake elevation that the State Engineer adopts for purposes of the priority schedule is the mean daily elevation of the South Arm of Great Salt Lake as reported by the United States Geological Survey (USGS) for Gage 10010000 (Great Salt Lake at Saltair Boat Harbor) on June 15th of each year.

On November 3, 2022, the Governor of Utah issued proclamation 2022-01 suspending new consumptive water right appropriations from Great Salt Lake. The proclamation does include a provision that allows the State Engineer to consider applications that include a mitigation plan to offset depletion. New applications for Great Salt Lake water rights that include mitigation plans offsetting depletions will be considered by the State Engineer on their individual merits and with respect to their inclusion in the priority schedule and corresponding accounting in the Distribution Accounting Tool (see Section VIII) without formal amendment to the Plan. Should the Governor amend the proclamation, new appropriations from Great Salt Lake will be considered on their individual merits without formal amendment of the Plan.

Great Salt Lake water rights that have an approved application conforming with Subsection 73-3-30 at the time that the Plan was adopted are indicated in Table 3 with an asterisk (\*). These water rights are not subject to curtailment under the priority schedule to the extent that the respective application and underlying contractual agreements with the Utah Division of Forestry, Fire, and State Lands (FFSL) remain valid and in effect.<sup>1</sup> As future applications on Great Salt Lake water rights are approved under Subsection 73-3-30, the priority schedule will be updated without formal amendment of the Plan.

**Table 3. Priority Schedule of Great Salt Lake Water Rights<sup>2</sup>**

Great Salt Lake Elevation <sup>3</sup>	GSL Water Rights Available for Diversion Under the Corresponding Lake Levels					
	Water Right Number	Priority Date	Source	Flow (CFS)	Annual Volume (ACFT)	Ownership
Below 4193.0	All Great Salt Lake water rights curtailed (unless otherwise provided for in an approved application under Subsection 73-3-30)					
4193.0 to 4194.9	<a href="#">15-306</a>	12/21/1940	Great Salt Lake	10.1268	-	Salt Pointe Land Company
	<a href="#">15-5899</a>	12/21/1940	Great Salt Lake	0.1832	-	Salt Pointe Land Company
	<a href="#">15-341</a>	9/15/1949	Great Salt Lake	10.2587	-	Salt Pointe Land Company
	<a href="#">15-5900</a>	9/15/1949	Great Salt Lake	0.0513	-	Salt Pointe Land Company
	<a href="#">15-414*</a>	5/13/1955	Great Salt Lake	20	-	Morton Salt Inc.
	<a href="#">13-246*</a>	1/8/1962	Great Salt Lake	-	27,000.0	Compass Minerals Ogden Inc.
	<a href="#">13-3091*</a>	1/8/1962	Great Salt Lake	-	67,000.0	Compass Minerals Ogden Inc.
	<a href="#">13-3569*</a>	1/8/1962	Great Salt Lake	-	62,000.0	Compass Minerals Ogden Inc.

<sup>1</sup> See Section VII - Voluntary Arrangements.

<sup>2</sup> Water rights 13-1109, 13-3345, and 13-3871 are considered non-consumptive. Consequently, they are omitted from the priority schedule since the beneficial use under those rights would not result in a net consumptive impact to the lake.

<sup>3</sup> Mean daily elevation of the South Arm of Great Salt Lake as reported by the USGS for Gage 10010000, Great Salt Lake at Saltair Boat Harbor on June 15th of the prior calendar year.

**Table 3. Priority Schedule of Great Salt Lake Water Rights (Continued)<sup>4</sup>**

Great Salt Lake Elevation <sup>5</sup>	GSL Water Rights Available for Diversion Under the Corresponding Lake Levels					
	Water Right Number	Priority Date	Source	Flow (CFS)	Annual Volume (ACFT)	Ownership
4195.0 to 4197.9	<a href="#">15-306</a>	12/21/1940	Great Salt Lake	10.1268	-	Salt Pointe Land Company
	<a href="#">15-5899</a>	12/21/1940	Great Salt Lake	0.1832	-	Salt Pointe Land Company
	<a href="#">15-341</a>	9/15/1949	Great Salt Lake	10.2587	-	Salt Pointe Land Company
	<a href="#">15-5900</a>	9/15/1949	Great Salt Lake	0.0513	-	Salt Pointe Land Company
	<a href="#">15-414*</a>	5/13/1955	Great Salt Lake	20	-	Morton Salt Inc.
	<a href="#">13-246*</a>	1/8/1962	Great Salt Lake	-	27,000.0	Compass Minerals Ogden Inc.
	<a href="#">13-3091*</a>	1/8/1962	Great Salt Lake	-	67,000.0	Compass Minerals Ogden Inc.
	<a href="#">13-3569*</a>	1/8/1962	Great Salt Lake	-	62,000.0	Compass Minerals Ogden Inc.
	<a href="#">15-616</a>	3/22/1965	Great Salt Lake	-	54,750.0	U.S. Magnesium L.L.C.
	<a href="#">35-2343</a>	7/27/1965	Water Well	0.15	-	Compass Minerals Ogden Inc.
	<a href="#">35-5373</a>	7/27/1965	Water Wells	24.85	-	Compass Minerals Ogden Inc.
	<a href="#">35-4012</a>	6/17/1966	Water Wells	1.5	-	Compass Minerals Ogden Inc.

<sup>4</sup> Water rights 13-1109, 13-3345, and 13-3871 are considered non-consumptive. Consequently, they are omitted from the priority schedule since the beneficial use under those rights would not result in a net consumptive impact to the lake.

<sup>5</sup> Mean daily elevation of the South Arm of Great Salt Lake as reported by the USGS for Gage 10010000, Great Salt Lake at Saltair Boat Harbor on June 15th of the prior calendar year.

**Table 3. Priority Schedule of Great Salt Lake Water Rights (Continued)<sup>6</sup>**

Great Salt Lake Elevation <sup>7</sup>	GSL Water Rights Available for Diversion Under the Corresponding Lake Levels					
	Water Right Number	Priority Date	Source	Flow (CFS)	Annual Volume (ACFT)	Ownership
4198.0 to 4199.9	<a href="#">15-306</a>	12/21/1940	Great Salt Lake	10.1268	-	Salt Pointe Land Company
	<a href="#">15-5899</a>	12/21/1940	Great Salt Lake	0.1832	-	Salt Pointe Land Company
	<a href="#">15-341</a>	9/15/1949	Great Salt Lake	10.2587	-	Salt Pointe Land Company
	<a href="#">15-5900</a>	9/15/1949	Great Salt Lake	0.0513	-	Salt Pointe Land Company
	<a href="#">15-414</a> *	5/13/1955	Great Salt Lake	20	-	Morton Salt Inc.
	<a href="#">13-246</a> *	1/8/1962	Great Salt Lake	-	27,000.0	Compass Minerals Ogden Inc.
	<a href="#">13-3091</a> *	1/8/1962	Great Salt Lake	-	67,000.0	Compass Minerals Ogden Inc.
	<a href="#">13-3569</a> *	1/8/1962	Great Salt Lake	-	62,000.0	Compass Minerals Ogden Inc.
	<a href="#">15-616</a>	3/22/1965	Great Salt Lake	-	54,750.0	U.S. Magnesium L.L.C.
	<a href="#">35-2343</a>	7/27/1965	Water Well	0.15	-	Compass Minerals Ogden Inc.
	<a href="#">35-5373</a>	7/27/1965	Water Wells	24.85	-	Compass Minerals Ogden Inc.
	<a href="#">35-4012</a>	6/17/1966	Water Wells	1.5	-	Compass Minerals Ogden Inc.
	<a href="#">15-2161</a>	5/9/1967	Great Salt Lake	-	54,750.0	U.S. Magnesium L.L.C.
	<a href="#">16-727</a>	10/16/1972	Great Salt Lake	-	35,290.0	U.S. Magnesium L.L.C.
	<a href="#">15-2182</a> *	3/4/1993	Great Salt Lake	25.0	-	Morton Salt Inc.
	<a href="#">15-3850</a>	3/4/1993	Great Salt Lake	24.8	-	Morton Salt Inc.
	<a href="#">15-5902</a>	3/4/1993	Great Salt Lake	50.2	-	Morton Salt, Inc.
	<a href="#">13-3723</a> *	09/03/2003	Great Salt Lake	-	125.0	North Shore Limited Partnership
	<a href="#">13-3846</a> *	6/21/2006	Great Salt Lake	-	1.7	Earths Elements Inc.
	<a href="#">13-3884</a> *	11/26/2008	Great Salt Lake	-	10.0	Earths Elements

<sup>6</sup> Water rights 13-1109, 13-3345, and 13-3871 are considered non-consumptive. Consequently, they are omitted from the priority schedule since the beneficial use under those rights would not result in a net consumptive impact to the lake.

<sup>7</sup> Mean daily elevation of the South Arm of Great Salt Lake as reported by the USGS for Gage 10010000, Great Salt Lake at Saltair Boat Harbor on June 15th of the prior calendar year.



**Table 3. Priority Schedule of Great Salt Lake Water Rights (Continued)<sup>8</sup>**

Great Salt Lake Elevation <sup>9</sup>	GSL Water Rights Available for Diversion Under the Corresponding Lake Levels					
	Water Right Number	Priority Date	Source	Flow (CFS)	Annual Volume (ACFT)	Ownership
4200.0 and above	<a href="#">15-306</a>	12/21/1940	Great Salt Lake	10.1268	-	Salt Pointe Land Company
	<a href="#">15-5899</a>	12/21/1940	Great Salt Lake	0.1832	-	Salt Pointe Land Company
	<a href="#">15-341</a>	9/15/1949	Great Salt Lake	10.2587	-	Salt Pointe Land Company
	<a href="#">15-5900</a>	9/15/1949	Great Salt Lake	0.0513	-	Salt Pointe Land Company
	<a href="#">15-414*</a>	5/13/1955	Great Salt Lake	20	-	Morton Salt Inc.
	<a href="#">13-246*</a>	1/8/1962	Great Salt Lake	-	27,000.0	Compass Minerals Ogden Inc.
	<a href="#">13-3091*</a>	1/8/1962	Great Salt Lake	-	67,000.0	Compass Minerals Ogden Inc.
	<a href="#">13-3569*</a>	1/8/1962	Great Salt Lake	-	62,000.0	Compass Minerals Ogden Inc.
	<a href="#">15-616</a>	3/22/1965	Great Salt Lake	-	54,750.0	U.S. Magnesium L.L.C.
	<a href="#">35-2343</a>	7/27/1965	Water Well	0.15	-	Compass Minerals Ogden Inc.
	<a href="#">35-5373</a>	7/27/1965	Water Wells	24.85	-	Compass Minerals Ogden Inc.
	<a href="#">35-4012</a>	6/17/1966	Water Wells	1.5	-	Compass Minerals Ogden Inc.
	<a href="#">15-2161</a>	5/9/1967	Great Salt Lake	-	54,750.0	U.S. Magnesium L.L.C.
	<a href="#">16-727</a>	10/16/1972	Great Salt Lake	-	35,290.0	U.S. Magnesium L.L.C.
	<a href="#">15-2182*</a>	3/4/1993	Great Salt Lake	25.0	-	Morton Salt Inc.
	<a href="#">15-3850</a>	3/4/1993	Great Salt Lake	24.8	-	Morton Salt Inc.
	<a href="#">15-5902</a>	3/4/1993	Great Salt Lake	50.2	-	Morton Salt, Inc.
	<a href="#">13-3723*</a>	09/03/2003	Great Salt Lake	-	125.0	North Shore Limited Partnership
	<a href="#">13-3846*</a>	6/21/2006	Great Salt Lake	-	1.7	Earths Elements Inc.
	<a href="#">13-3884*</a>	11/26/2008	Great Salt Lake	-	10.0	Earths Elements
	<a href="#">13-3457*</a>	8/28/2012	Great Salt Lake	83	-	Compass Minerals Ogden Inc.
	<a href="#">13-4130*</a>	8/28/2012	Great Salt Lake	167		Forestry, Fire and State Lands

## Section VII - Voluntary Arrangements

Under Subsection 73-33-201(5), the State Engineer may consider voluntary arrangements when adopting the Plan. In anticipation of the Plan, many owners of Great Salt Lake water rights have entered into contractual agreements with FFSL. Although the agreements differ on a case-by-case basis, they generally

<sup>8</sup> Water rights 13-1109, 13-3345, and 13-3871 are considered non-consumptive. Consequently, they are omitted from the priority schedule since the beneficial use under those rights would not result in a net consumptive impact to the lake.

<sup>9</sup> Mean daily elevation of the South Arm of Great Salt Lake as reported by the USGS for Gage 10010000, Great Salt Lake at Saltair Boat Harbor on June 15th of the prior calendar year.

include provisions that require the filing of a joint application and the incorporation of a tiered diversion schedule based on the elevation of Great Salt Lake.

The State Engineer has reviewed the voluntary arrangements between FFSL and the various entities that operate on the lake. As contemplated under Subsection 73-33-201(5), the State Engineer has incorporated these voluntary arrangements into the Plan by exempting Great Salt Lake water rights from curtailment under the priority schedule to the extent that they are subject to an approved application that conforms to Section 73-3-30 and coupled with contractual obligations that align with the overarching objectives of the Plan.

If voluntary arrangements for other Great Salt Lake water rights are proposed following the adoption of the Plan, the State Engineer will consider them on their individual merits. If the proposed voluntary arrangements are acceptable, the State Engineer may amend the Plan in accordance with Subsection 73-33-201(3) as warranted.

### **Section VIII - Distribution Accounting Tool**

Subsection 73-33-201(4) directs the State Engineer to develop a distribution accounting tool that accounts for Great Salt Lake elevations, Great Salt Lake salinity, Great Salt Lake water rights, the quantity of water in the Great Salt Lake, and the quantity of Dedicated Water delivered to or in the lake. In conjunction with the adoption of the Plan, the Great Salt Lake Distribution Accounting Tool (GSLDAT) is hereby adopted. As updates to the Plan occur—either by formal amendment or administrative modifications—the GSLDAT will likewise be updated.

The methodology for accounting for the various elements required by statute are summarized in the following paragraphs.

#### ***A. Great Salt Lake Elevations***

Accurate elevation data is critical in order to administer the priority schedule detailed in Section VI and for calculating the quantity of water in Great Salt Lake. For purposes of priority schedule administration, the State Engineer will rely on the mean daily elevation of the South Arm of Great Salt Lake as reported by the USGS for Gage 10010000 (Great Salt Lake at Saltair Boat Harbor) on June 15th of the prior calendar year. This gage will also be utilized for volumetric calculations associated with the South Arm, Bear River Bay, and Farmington Bay of Great Salt Lake. For purposes of calculating the volume of water in the North Arm of Great Salt Lake, the State Engineer will rely on the elevation data as reported by the USGS for Gage 10010100 (Great Salt Lake near Saline, UT).

#### ***B. Great Salt Lake Salinity***

The salinity of Great Salt Lake is monitored and reported as part of the GSLDAT for information purposes. Consequently, the State Engineer relies on salinity data reported by the USGS for Great Salt Lake at Saltair Boat Harbor (USGS Site ID 10010000) and GSL 3510 in Gilbert Bay (USGS Site ID 405356112205601). For the purposes of calculating evaporative losses associated with Dedicated Water (see the “Dedicated Water” paragraph below), salinity monitoring data sets will be documented within the GSLDAT.

C. Great Salt Lake Water Rights

The quantity of water available for diversion under Great Salt Lake water rights is calculated by utilizing the priority schedule to determine which rights are available in priority. The accounting tool will also consider voluntary arrangements that are incorporated as conditions of an approved application wherein Great Salt Lake water rights are authorized a prorated diversion for use in recovery of salts or other minerals or elements based on Great Salt Lake elevations. The amount of water diverted and used by Great Salt Lake water rights in a given calendar year will be measured and reported (see Section IX - Measurement and Monitoring) to the State Engineer by the respective water user. This data will be incorporated into the GSLDAT to ensure diversions under Great Salt Lake water rights do not exceed the limitations imposed under the Plan.

D. Quantity of Water in Great Salt Lake

The quantity of the water in Great Salt Lake (i.e., volume of water) is calculated based on the 2005 and 2006 USGS bathymetry surveys and the corresponding lake elevations detailed in the previous paragraphs.

E. Dedicated Water

The actual volume of Dedicated Water will be accounted for on an annual basis according to the quantity of water delivered or converted in situ under water rights approved for beneficial use by a division, as defined in Subsection 73-3-30(1)(b) (see Section V - Water Dedicated to Great Salt Lake), plus the corresponding volume of Dedicated Water remaining in the lake from the previous year after deductions for evaporative losses. Evaporative losses associated with Dedicated Water will be calculated based on the incremental increase in surface area caused by the Dedicated Water during the calendar year in which the water was delivered to or in the lake. Notwithstanding the Great Salt Lake elevation, Great Salt Lake water rights are prohibited from diverting Dedicated Water. As approaches for calculating evaporative losses are improved, they may be adopted without formal amendment of the Plan.

## **Section IX - Measurement and Monitoring**

Subsection 73-33-203 requires robust measurement and monitoring for all Great Salt Lake water rights. These requirements include physical measurement (not estimation) of water diverted from Great Salt Lake, reporting of diversion data to the State Engineer, measurement of discharge salinity, and reporting of the corresponding discharge salinity to FFSL.

Notwithstanding the measurement and monitoring requirements associated with the Plan, entities diverting and using Great Salt Lake water rights remain subject to other measurement and reporting requirements of FFSL, Division of Water Quality, and other regulatory agencies.<sup>10</sup>

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<sup>10</sup> Utah Code § 73-33-203