

DSB INTERNATIONAL INC.

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Salt of the Earth

Trace Minerals Research
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Subject: Overview of Trace Minerals Research's Solar Evaporation Facility

Trace Minerals Research's (DBA, Earth's Elements at Promontory Point, Great Salt Lake, Utah) solar pond brine source is the Great Salt Lake and is the same source of brine used by Morton Salt, North American Salt, Lake Side Salt, Compass Mineral and other companies that concentrate the brine.

I personally help supervise the extraction and concentration of the brine from the Great Salt Lake at Trace Minerals Research's (TMR) new facility. I verify TMR's concentrated mineral brine known as ConcenTrace® Trace Minerals Drops was harvested from its new facility late fall of 2010. I also verify that TMR is gearing up for its summer harvest starting the first part of May 2011.

TMR's ponds are seasonal. They are operated from May to September during the high evaporation season. The ponds are then shut down and remain dormant from October to April during the wet and cold months. This is the same for most ponds around the Great Salt Lake. In fact, in the winter they all receive more water than they can evaporate. This water slows down pond startup and must be evaporated in the late spring and early summer.

I have spent 45 years doing research and perfecting solar evaporation ponds on the Great Salt Lake and around the world (www.dsbinternational.com). These experiences have provided me with the knowledge to efficiently and effectively concentrate brine from the Great Salt Lake.

TMR's ponds have an advantage because they are subdivided, lined with a membrane and they are small. Small ponds make it easier to move brines around, increase pond efficiency, and speed up spring startup that cannot be done with larger ponds. Lined ponds also increase efficiency by preventing seepage out of the pond and guard against ground water or contaminants entering the ponds. TMR is the only pond system around the lake that is fully lined. Pond subdivisions increase pond efficiency and brine control by fractional crystallization. TMR has 12 ponds that run in sequence making it second only to Great Salt Lake Minerals in the number of ponds in sequential flow.

Because of pond lining, advanced sequential flow, and ease in brine handling with small ponds, and location, no other pond system using the brine from Great Salt Lake can make a better quality of brine than TMR.

