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# ASX Announcement

23 February 2021

ASX: PWN  
FSE: 4IP

## ACQUISITION OF MULTI-WET

Parkway Minerals NL (ASX: **PWN**) (“**Parkway Minerals**” or the “**Company**”) is pleased to provide additional details regarding the acquisition disclosed in the [February 2021 – Corporate Update](#).

### ACQUISITION DETAILS

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**Buyer:** Parkway Process Solutions Pty Ltd (a subsidiary of the Company).  
**Seller:** The trustee for the S.M.A.C Trust (ABN: 32 440 810 576).  
**Business Name:** Multi-Wet  
**Business Type:** A Western Australia based supplier of industrial water treatment products, chemicals and services.

On behalf of Parkway Minerals NL.

**Bahay Ozcakmak**

Managing Director

### Additional Information

For further information contact:

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## aMES<sup>®</sup> Technology

The *activated Mineral Extraction System*, or **aMES<sup>®</sup>** is an innovative process technology that enables the treatment of concentrated brine solutions to recover a range of valuable compounds, reagents and fresh water. The technology utilises a proprietary multi-staged process incorporating novel membrane technology and is based on proprietary IP, incorporating patents, expertise and know-how acquired over more than a decade of intense process development.

### **Advantages of the aMES<sup>®</sup> technology include:**

- improvements in mineral recovery and product quality,
- opportunity for substantial project capex & opex savings,
- efficient use of energy and produces pure water as a by-product, and
- improved project footprint and environmental sustainability.

Ongoing collaboration with a number of brine project developers and operators has confirmed there are many applications where the aMES<sup>®</sup> technology has the potential to deliver substantial value by enhancing existing flowsheets, in order to improve overall project performance.

### **Additional Information**

[www.parkwayminerals.com.au/ames-technology](http://www.parkwayminerals.com.au/ames-technology)

## iBC<sup>®</sup> Technology

The *integrated Brine Causticization*, or **iBC<sup>®</sup>** is a patented process technology that simultaneously removes common impurities from waste brine streams and converts sodium carbonates and bicarbonates commonly found in coal seam gas (CSG) brines, into more soluble sodium hydroxide.

As a result of the causticization step, the iBC<sup>®</sup> technology produces a purified brine suitable for downstream processing, including with the aMES<sup>®</sup> technology, for the production of various salt products and industrial-grade sodium hydroxide.

### **Additional Information**

<https://www.parkwayminerals.com.au/ibc-technology>

## aMES<sup>®</sup>

### Brine Processing Technology

#### Key Industries (Applications)

- Mining natural brine (salt lakes)
- Solution mining brine (potash)
- Refinery & industrial waste brine
- Wastewater treatment brine

#### Target Products (Produced)

- Potash (MOP/SOP/KMS)
- Lithium and magnesium salts
- Range of byproducts (B, Br, Ca, Co, Cu, I, Na, Ni, REE, Si, Sr)
- Reagents
- Water

## iBC<sup>®</sup>

### Brine Pre-Treatment Technology

#### Key Industries (Applications)

- Oil & gas waste brine (CSG)
- Wastewater treatment brine

#### Target Products (Produced)

- Sodium hydroxide concentrate
- Sodium chloride
- Byproducts (Ca, Mg, Si)



## About Parkway Minerals

In October 2019, Parkway Minerals (ASX: PWN) completed a transformational transaction by acquiring an Australian unlisted public company, Consolidated Potash Corporation (CPC). Through CPC, Parkway Minerals acquired a minority interest in the Karinga Lakes Potash Project (KLPP) in NT Australia, as well as a majority interest in the New Mexico Lithium Project (NMLP), in the United States. The CPC transaction, also resulted in Parkway Minerals acquiring the innovative aMES<sup>®</sup> technology, which has been developed to process a range of challenging brine streams from the mining industry, in order to recover valuable minerals, reagents as well as produce fresh water.

Given the significant market opportunities, Parkway Minerals is focused on commercialising a world-class technology portfolio to provide long-term sustainable solutions for processing complex brines, in the energy, mining and wastewater industries. In order to achieve this objective, Parkway Minerals is partnering with leading industry participants to provide, BPaaS – Brine Processing as a Solution<sup>™</sup>.

Parkway Minerals is commercialising a world-class technology portfolio to provide long-term sustainable solutions for processing complex brines, in the energy, mining and wastewater industries.

Our mission is to collaborate with leading strategic partners to deliver:

**BPaaS – Brine Processing as a Solution<sup>™</sup>**

### Forward-Looking Statements

This ASX Release may contain certain “forward-looking statements” which may be based on forward-looking information that are subject to a number of known and unknown risks, uncertainties, and other factors that may cause actual results to differ materially from those presented here. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. Forward-looking information includes exchange rates; proposed or projected project or transaction timelines; uncertainties and risks associated with the advantages and/or performance of the Company’s projects and/or technologies; uncertainties and risks regarding the estimated capital and operating costs; uncertainties and risks regarding any envisaged timelines in relations to any results, milestones, partnerships, including but not limited to any milestones which may require obtaining approvals from third parties.

For a more detailed discussion of such risks and other factors, see the Company’s other ASX Releases. Readers should not place undue reliance on forward-looking information. The Company does not undertake any obligation to release publicly any revisions to any forward-looking statement to reflect events or circumstances after the date of this ASX Release, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.

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