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SOLVE

ALTONA

BY **ENVIROPACIFIC**
SERVICES

SOLVE Update

- SOLVE Locality & Site
- Operational Overview
- EPA Approvals & Licensing
- QHSE
- 2019 Look Ahead

SOLVE Altona Locality

- Thermal treatment facility for contaminated waste
- Located on Dow Chemical Australia site in Altona
- 25,000m² (2.5 Ha)
- 15 year lease



SOLVE Site Layout

Treated Soil Building

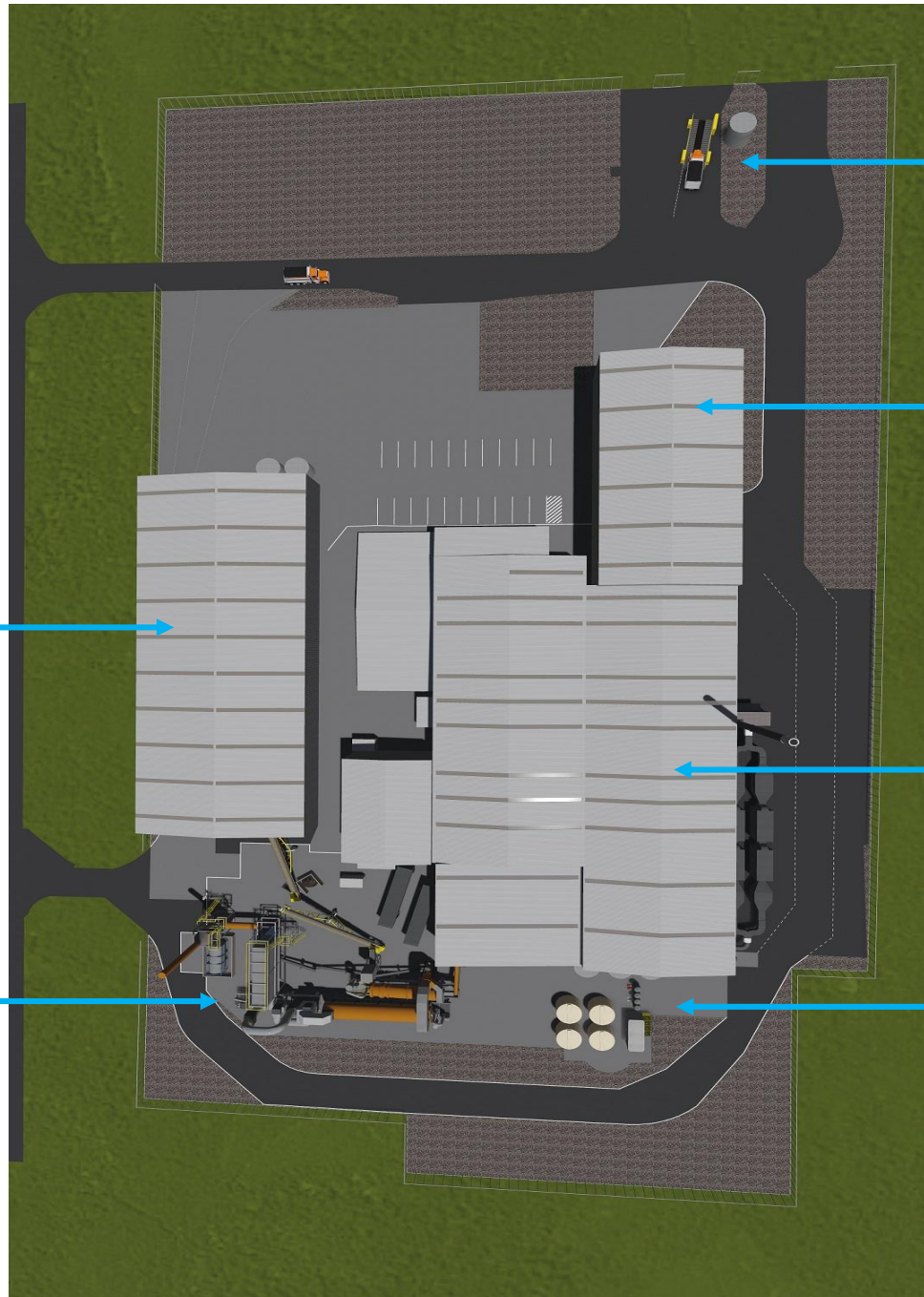
Thermal Desorption Unit

Wheel Wash

Soil Reveal Building

Pre-Treatment Building

Waste Water Treatment Plant



Operational Overview

- Plant construction & commissioning completed in May 2018
- July to Present: Proof of Performance (PoP) Testing & Reporting
- Over 8,000 tonnes of contaminated soil:
 - successfully thermally treated to meet EPA fill level criteria
 - diverted from going to landfill as contaminated waste
- Operating 5 days per week
- Currently employing 16 people

EPA Approvals & Licensing

Works Approval:

- 100,000 tonnes per annum
- 24/7 operation

Proof of Performance (PoP):

- PoP testing is conducted under EPA issued Section 30A approvals – allowing receipt, storage, commissioning and testing using contaminated wastes.
- SOLVE has 12 active Section 30A approvals for soil, sludges and filter media
- Includes TPH, PFAS, PCB, PAH, BaP and CHC

Licensing:

- SOLVE Altona has applied for a Section 20 operating license from EPA Victoria
- License approval expected mid December 2018

QHSE

- Safety
 - 1 lost time injury reported since May 2018
- Loss of Containment
 - June – minor release of activated carbon from building ventilation stack for 60-90 seconds
 - June – minor release of treated water to stormwater pit
- Workcover
 - No reportable incidents
- City West Water
 - No reportable incidents

2019 Look Ahead

- Staffing Levels: increase from 16 to 25 over coming 12 months
- Operating Hours: expected to increase to 24/6
- Efficiency:
 - Multiple projects and significant investment in progress to improve heat recovery and reduce green house gas emissions
- Capability:
 - Plans to add further matrices and additional contaminants



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Facility Address

541-583 Kororoit Creek Rd
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VIC

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