



Planning in 3rd Dimension

Optimizing Your Landfill's Future Development Using 3D Modelling Software.

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Project Overview



Client's Vision

- Landfill Development Plan Long Term Thinking
- Landfill Access Plan
- Landfill Fill Plan Short Term (Current Landfill Cell)



Generate the Plan

• How to display the design, what would help the Client?

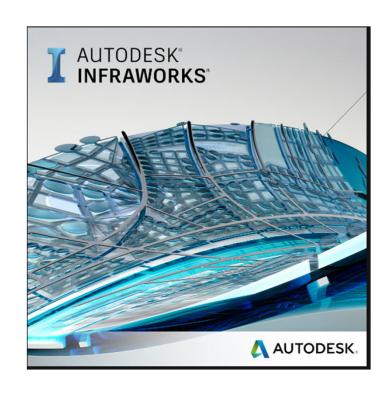


Provide the Deliverable

Infraworks screenshots



How to Display the Design





Built in 3D Modelling, Import CAD Modelling, Import Drone Surface and Image Data

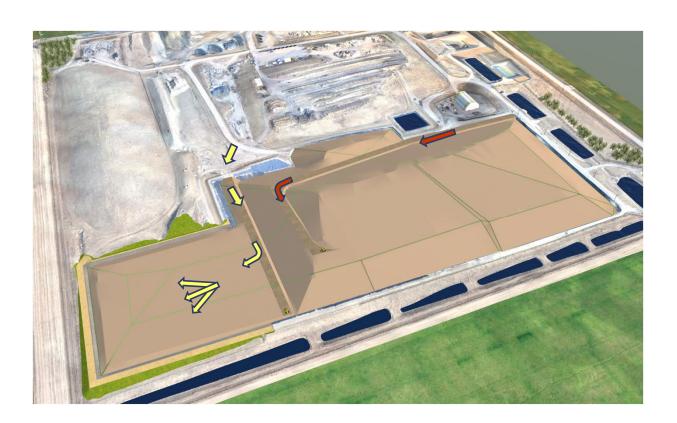




Landfill Development Plan



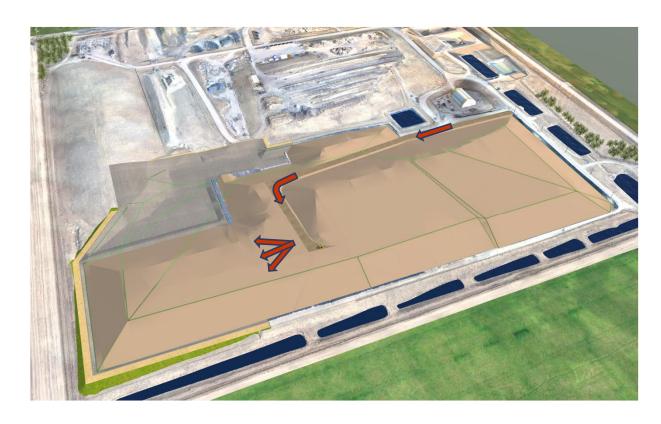
Cell 6 (75%), Cell 7 (0%)



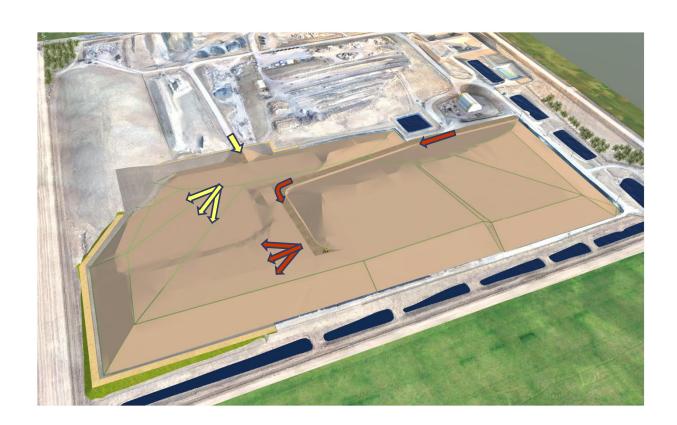
Cell 6 (100%), Cell 7 (25%)



Landfill Development Plan



Cell 7 (75%), Cell 8 (0%)



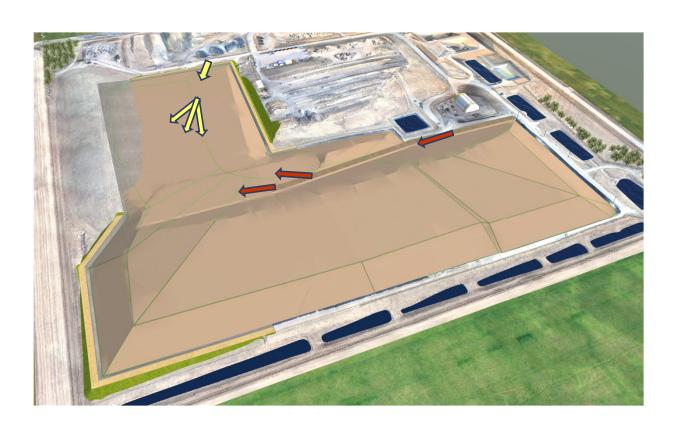
Cell 7 (100%), Cell 8 (25%)



Landfill Development Plan



Cell 8 (75%), Cell 9 (0%)

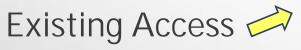


Cell 8 (100%), Cell 9 (25%)



Landfill Access Plan









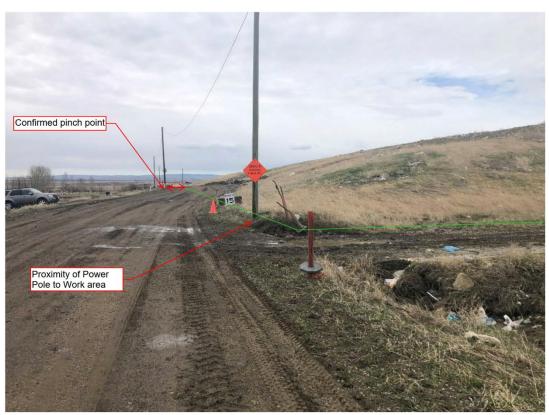


Existing Conditions

Proposed Development

Design Conflicts





Infraworks Review

Site Confirmation



Landfill Fill Plan - Short Term

Short Term Fill Plan



STAGE 1 (6 Months)



STAGE 2 (6 Months – 1 Year)



Short Term Fill Plan



STAGE 3 (75% Full)



STAGE 4 (Full, with Expansion 25%)



ACKNOWLEDGEMENTS







