

# JWSE ENGINEERING OPERATIONAL DATA CORPUS

## Executive Summary | Non-Exclusive AI Training & Evaluation Licensing

**JWSE has opened a non-exclusive licensing process for a defined civil and environmental engineering corpus. Statistics, license structure, release controls, and the indicative term sheet are available. If you train on proprietary domain data, this is how to evaluate it.**

### THE OPPORTUNITY

As mentioned on a recent Moonshots podcast, JWSE has opened a non-exclusive licensing process for a defined civil and environmental engineering corpus. J W Salm Engineering, LLC controls a private, multi-decade civil and environmental engineering operational archive assembled through real professional practice. The opportunity is not a sale of the archive. JWSE is offering defined, non-exclusive licenses to rights-screened, anonymized, JWSE-approved portions for AI training, fine-tuning, reinforcement learning, evaluation, benchmarking, and related model development, subject to the applicable license structure and definitive agreement.

**285,647**

INDEXED FILES

**~1,000**

PROJECT/JOB CANDIDATES\*

**38,516**

CONFIRMED EDITABLE CAD

**49,407**

PDF FILES

\*Approximately 1,000 identifiable project/job candidates, subject to final verification. The master index is not the final licensed dataset.

### WHY THIS CORPUS IS DIFFERENT

- The archive preserves operational engineering workflows, not just final deliverables.
- Project records can connect problem definition, field information, calculations, design, permitting, revisions, bidding, construction, and outcome.
- The mix of editable CAD, PDFs, reports, spreadsheets, photographs, permitting material, and other project context supports multimodal reasoning and workflow reconstruction.

### DESIGN TRAJECTORIES

A core differentiator is the presence of dated incremental CAD states. These files are not treated automatically as backup waste. In many cases they preserve successive design states and show how professional engineering designs evolved through time.

The current CAD diligence pass is separating exact duplicates from probable revision families and final/reference states so the prepared corpus can be described in terms of design families, revision depth, project coverage, rendered companions, and dependency risk.

### REPRESENTATIVE ENGINEERING DOMAINS

Water and wastewater treatment • collection systems • stormwater • site development • utilities • marine infrastructure • environmental engineering • permitting • construction administration

## LICENSING PATHWAYS

### A FOUR-PROJECT EVALUATION CORPUS

**\$35,000 indicative**

Four contrasting, JWSE-approved anonymized project workflows for evaluation, benchmarking, and internal workflow reconstruction.

45-day evaluation period plus one additional 45-day extension on written notice. Includes up to 10 hours of P.E. support. No production training or permanent corpus incorporation.

### B CAD & DESIGN-EVOLUTION CORPUS

**Pricing after CAD-family analysis**

Prepared corpus of editable CAD, dated revision sequences/design trajectories, curated PDF or rendered companions, folder/job metadata, and limited approved context.

Final scope and price follow exact-duplicate collapse, revision-family analysis, CAD-bearing job count, pairing, renderability/dependency review, and date-distribution diligence. Includes up to 20 hours of P.E. support.

### C OPERATIONAL WORKFLOW CORPUS

**\$2,500,000 indicative**

Non-exclusive license to the rights-cleared, anonymized portion of the broader JWSE operational archive for permitted AI model development.

Default five-year term from first production delivery. Includes up to 50 hours of P.E. support. Final delivery is a prepared subset, not the raw source archive.

Release controls and definitive commercial terms govern all offerings. Offering B is intentionally not publicly priced until the CAD-family diligence supports a defined product unit.

## POTENTIAL FRONTIER-AI USES

- Professional engineering reasoning and workflow reconstruction
- Multimodal CAD + text understanding
- Design-revision and engineering-change learning
- Drawing review and drawing-to-report consistency
- Regulatory-response and permitting reasoning
- Construction-issue resolution and outcome-grounded evaluation
- Engineering benchmarks and agent training

## ANONYMIZATION & RELEASE CONTROL

**No file enters an evaluation or production dataset until it has passed JWSE rights screening, undergone the agreed anonymization process, and been expressly approved by JWSE for release.**

Raw or pre-anonymized source material is not licensed. Third-party contextual material is treated separately and included only where appropriately cleared and approved.

Large-scale anonymization, conversion, dependency reconstruction, or extraordinary preparation beyond an included scope is separately scoped before production work begins.

## NEXT STEP

Qualified frontier-model developers, AI data buyers, and strategic partners may request controlled diligence access. The public website and indicative term sheet provide the initial transaction framework; deeper technical materials are released through the diligence process. **Contact: jsalm@jwse.com | www.jwse.net**