Aquaintel

WATER USE PERMIT APPLICATION SERVICE

PermitWorks

Prepare water permit applications with less manual work.

AquaIntel prepares draft application packages for South Florida Water Management District (SFWMD) irrigation projects.

Book a demo

STANDARD PACKAGE

A-G
Draft Sections A-G

DOCX + PDF
Editable draft and review copy

2-3 days
Target from complete inputs

PART 01 OF 04

Background and requirements

What a permitting team needs from a water use permit preparation service.

Repeatable work / Source references / Effort saved / Professional review

BACKGROUND

Four requirements for a draft package

01

Use a repeatable method

The SFWMD Basis of Review guides the standard work. New applications, renewals and modifications use a consistent process.

02

Make statements traceable

Reference the district permits, datasets and publications that support the relevant text, figures and calculations.

03

Measure the effort saved

Compare review and final preparation time with the effort your team usually spends on a similar application.

04

Keep professional review with your team

Your team checks the draft, uses site-specific analyses as required and certifies the final application.

PART 02 OF 04

The service

What AquaIntel prepares, what your team supplies and how each request moves from intake to review.

Draft package / Scope / Six-step workflow

THE DELIVERABLE

One draft application package

AquaIntel uses the format and exhibit conventions agreed at intake.

PACKAGE CONTENTS

Form and narrative
Form 1379 and Sections A-G

Supporting material
Calculations, maps and exhibits

Review material
QA findings and source appendix

Files
Editable DOCX and PDF

Form 1379 and Sections A-G

Applicant and project details, demand, hydrogeology, resource availability, restricted areas, reclaimed water and certification fields.

Demand and aquifer calculations

Modified Blaney-Criddle monthly demand and allocations. Where applicable, mean and standard deviation for the three nearest aquifer performance tests (APTs).

Six standard figures and exhibits

Regional, aerial, project, nearby permit, contamination source and hydrogeologic context maps, subject to scope.

QA report and source appendix

A list of completeness and consistency issues and the sources used in each section.

Aquaintel

SCOPE

Who does what

AquaIntel prepares the draft around the site plan and project data your team supplies.

AQUAINTEL PREPARES	YOUR TEAM PROVIDES OR COMPLETES
Input validation and Form 1379 mapping	Project data, site plan and ownership documents
Modified Blaney-Criddle demand and allocations	Required groundwater models and drawdown figures
Nearby district permit research and APT summary	Professional judgment on APT coefficient exceptions
Sections A-G with source references	CAD drafting and review of project assumptions
Standard maps and exhibit set	Edits to the application and exhibits
Quality checks, DOCX and PDF	Final certification and submission to the district

If your team supplies model results, AquaIntel can reference them in the draft and include them as an exhibit.

HOW IT WORKS

Six steps from request to review

01 / YOUR TEAM

Submit the request

Send the intake questionnaire, site plan and supporting documents.

02 / AQUAINTEL

Check inputs

Confirm that the inputs are complete or request the missing items.

03 / AQUAINTEL

Prepare the draft

Review district records, prepare maps and text, and check Sections D and E.

04 / AQUAINTEL

Deliver the package

Send the DOCX, PDF, QA report and source appendix for review.

05 / YOUR TEAM

Review and edit

Verify the draft against project records and mark changes in the DOCX.

06 / BOTH TEAMS

Resolve feedback

Log corrections by section and update the agreed templates or preparation rules.

AquaIntel targets 2-3 business days from complete inputs for standard projects, subject to scope and capacity.

PART 03 OF 04

The engagement model

Your team retains professional review and certification. Onboarding and feedback help AquaIntel match your requirements.

Review / Calibration / Service targets

THE ENGAGEMENT MODEL

Your permitting team reviews every draft

01 / REVIEW

Verify and finalize

Check assumptions, results and source references. Correct the draft to reflect the project and your professional judgment. Your professional of record signs the certification.

02 / FEEDBACK

Use review comments

AquaIntel records each correction by section and updates templates or rules as applicable. Hydrogeologic coverage depends on the district records available for the project.

03 / CALIBRATION

Agree on the format

Set the intake questions, document templates and exhibit labels together. Compare drafts prepared from historical inputs with the submitted packages.

The QA report identifies issues to check before your team finalizes and submits the application.

ONBOARDING

A calibration plan for your team

01 Template	Set your cover, table formats and exhibit labels.
02 Intake	Agree on the information your team supplies for each application.
03 Historical review	Select representative packages. Prepare fresh drafts from their inputs and compare them with the submitted versions.
04 GIS sources	Identify the district GIS layers and check any team-provided layers against the source records.
05 Joint review	Review coverage, gaps and issues the permitting team must check.

Set the onboarding schedule at kickoff. If a suitable live request is available, both teams can agree to start it during calibration.

SERVICE LEVELS

Service targets for standard requests

Input acknowledgment	Target one business day to acknowledge the request and identify missing inputs.
Draft preparation	Target 2-3 business days from complete inputs for a standard SFWMD single-source irrigation application, subject to scope and capacity.
Revisions	Confirm the review schedule and how changes to the project inputs affect the request.
Capacity	Confirm delivery dates and capacity at intake, especially for batches or unusual scope.
Point of contact	A named AquaIntel lead coordinates requests, delivery and feedback.
Project information	Agree on confidentiality terms and how to exchange project files before sending them.

PART 04 OF 04

Scoping and next steps

Start with a representative project. Agree on the scope and quote before AquaIntel starts work.

Project scope / Effort saved / Potential extensions / Kickoff

PROJECT SCOPE

AqualIntel quotes after scope review

AqualIntel confirms the work, schedule and quote after it reviews a representative project.

01 / REQUEST

Define the application

Confirm the district, project site, withdrawal source and application type. The service starts with standard SFWMD irrigation work.

02 / INPUTS

Check project requirements

Review site plan, ownership documents, supporting records and any analyses your team must provide.

03 / QUOTE

Agree on the package

Confirm package contents, file format, revisions and delivery dates for the quote.

Discuss new applications, renewals and modifications during scope review.

MEASURING THE VALUE

Measure effort on your applications

Use representative projects and your team's preparation time as the basis for comparison.

01 / RECORD

Track preparation time

Record the time your team spends checking, editing and finalizing each draft.

02 / COMPARE

Use similar applications

Compare those hours with your usual preparation time for the same application type.

03 / DECIDE

Review the results

AquaIntel summarizes the comparison, coverage, gaps and the work your team still performs.

ROAD MAP

Start with SFWMD irrigation

Confirm forms, data coverage and an agreed scope before adding any new application type.

Initial service	Prepare SFWMD irrigation Water Use Permit application drafts.
Dewatering	Evaluate repeatable dewatering packages and their district requirements.
Ownership documents	Evaluate retrieval of property records from county sources.
Other districts	Review district forms and completed examples before proposing another service area.
Supervised self-service	Evaluate direct team access after review and delivery procedures are established.

Only the work in the agreed scope forms part of the service.

GETTING STARTED

From sample review to the first request

01 Demo	Review a sample package with the AquaIntel team.
02 Scope review	Discuss one candidate project, its inputs, its required exhibits and any exceptions.
03 Quote and agreement	Agree on deliverables, schedule, confidentiality and commercial terms.
04 Kickoff	Confirm the intake questionnaire and transfer templates and representative project examples.
05 Calibration	Compare the draft outputs with prior applications and agree on changes.
06 First request	Send complete project inputs and agree on the delivery date.

Aquaintel

PERMITWORKS

Review a sample package with AquaIntel

Bring a representative irrigation project. We can review the draft package, discuss your requirements and confirm the scope for a quote.

Book a demo

Vinod Jose / Founder, AquaIntel Inc. vj@waterutility.ai +1 267 271 2599 www.waterutility.ai