



NICE TCB Technology Certification

Tech Grade **T5** Excellent

Evaluation Agency  
**NICE TCB**

Client Institution  
**Busan Bank**

Evaluation Completed  
**2025**

# Corporate Valuation Summary

## Corporate Valuation Report

*Based on NICE TCB Technology Evaluation – Grade T5 "Excellent"*

### WCS WaterClean System Co., Ltd.

#### Technology Name

**Permanent DC  
Water Purification  
(ResoWave)**

#### Verified Output

**600+ Tons**

#### Market Size

**~KRW 1,300 T**

## Company Name

WCS WaterClean System Co., Ltd.

## CEO / Representative

Jincheon Kim

## Location

Gyeonggi-do, Republic of Korea

## Contact

+82-10-8201-3675

## Email

ncwsystem@naver.com

## Website

[sites.google.com/view/watercleansystem](https://sites.google.com/view/watercleansystem)

## Evaluation Agency

**NICE TCB**  
**(NICE Technical Credit Bureau, Korea)**

## Client Institution

**Busan Bank**

## Evaluation Type

**Technology Credit Evaluation**

## Technology Grade

**T5**

## Technology Name

**Manufacturing Tech for  
Water Pipe Corrosion Inhibitor**

## Evaluation Completed

**2025**

Core Technology: **Permanent DC Water Purification System (ResoWave)** – Metal Resonance & Ion Sustaining Technology



### Limestone Removal

Decomposes limestone inside water supply pipes using ionic resonance, extending pipe lifespan and dramatically improving water quality.



### Microplastic Removal

Removes ultra-fine plastic particles beyond the capability of conventional filter systems. Verified with 600+ tons of throughput.



### Zero Pressure Loss

Maintains 0% water pressure loss before and after technology application. Reduces operating costs compared to existing purification systems.

✓ **Verified:** 600+ tons cumulative – Simultaneous removal of microplastics, limestone & heavy metals. Zero pressure drop confirmed.

**T1**

Top Innovation

Outstanding Innovation  
& Global Competitiveness**T2**

Innovation Leader

Highest level of global  
market entry capability**T3**

Top Commercialization

Very High  
Commercialization Potential**T4**

Excellent Commercial

Ready for market entry

**T5**

Excellent ★

Both market viability  
and innovation proven.  
Strong commercial &  
global expansion base.

WCS WaterClean System's technology is evaluated to have a highly solid foundation for commercialization and global expansion.



### Technical Excellence

Certified as Excellent (T5) by NICE Group's accredited evaluation body



### Commercial Feasibility

Commercialization readiness proven through 600-ton scale verification



### Market Potential

~KRW 1,300 Trillion  
(Global Water Purification & Industrial Market)



### ESG Impact

15–40% reduction in plastic bottle use, CO<sub>2</sub> emission reduction effect



### RWA Suitability

Patent-based Intellectual Property (IP) tokenization available

This evaluation officially certifies that **WCS WaterClean System's technology qualifies as a Verified Excellent Technology (Grade T5)**, and demonstrates that it constitutes a core Intellectual Property (IP) asset expandable into the global water purification, environmental, and ESG sectors.



Grade T5 Official Certification



Global IP Asset



Commercial & ESG Expansion Base

*Authorized by*

**WCS WaterClean System Co., Ltd.**

Jincheon Kim | Representative & CEO