



WIDEPAPER

\$DUCK

Authors

Duck team

13 June 2021 - V2.0.0 - Initial Release

# Contents

0.1	Introduction . . . . .	3
0.1.1	Team . . . . .	3
0.1.2	Team holdings . . . . .	3
0.1.3	Community wallet . . . . .	4
0.1.4	Treasury wallet . . . . .	5
0.2	Future pipeline . . . . .	6
0.2.1	Project : Non Fungible Ducks Phase I . . . . .	6
0.2.2	Project : Non Fungible Ducks Phase II . . . . .	6
0.2.3	Project : Graphs Phase I . . . . .	7
0.2.4	Project : DuckDeepRender . . . . .	7
0.2.5	Project : LP rewards . . . . .	7

## 0.1 Introduction

This document is subject to future changes by the team. Nothing in this document is final.

DuckDuck (\$DUCK) is a ZRC-2 token on the Zilliqa blockchain.

\$DUCK is a scarce token with 420.69 supply. The purpose of \$DUCK is that it allows users to interact with future \$DUCK projects, either by allowing access to users with a certain token threshold or by being able to pay in native \$DUCK tokens.

\$DUCK is not devoted or dedicated to solving specific problems. Rather, \$DUCK is an agile team of Scilla enthusiasts whereby we propose to develop and release projects that benefit the Zilliqa community, whilst attempting to bring new users to the Zilliqa ecosystem.

### 0.1.1 Team

The core team comprises of three developers, a communications officer and a digital artist.

Nines holds a BSc in Computer Science. Neeko is a very talented self taught developer (someone give him an honorary BSc). Hatzz is a talented developer working towards a BSc in Computer Science.

Buckaroo is our digital artist, currently working towards starting a BA in Visual Media. Greasy holds a BEng in civil engineering and assists with communications.

### 0.1.2 Team holdings

The core team hold a small amount of \$DUCK each. Table 1 references the amount of \$DUCK held by the team.

<b>Name</b>	<b>Holdings</b>
Nines	1
Greasy	2
Neeko	3
Hatzz	2
Buckaroo	3

Table 1: Snapshot taken 12/06/2021

### **0.1.3 Community wallet**

The community wallet holds a majority of the non-circulating \$DUCK. The purpose of a community wallet is to actively engage and reward members of the Zilliqa ecosystem. By interacting with \$DUCK smart contracts, anyone with a ZilPay wallet can get involved.

The team have resolved to not commit any of the \$DUCK in the community wallet to spend towards project work or internal profits. Instead, we are committing to buying back a small percentage of \$DUCK whenever we make profits from projects in the future. This ensures that the community wallet always has some \$DUCK to disperse in the future.

We're pledging in our first year to use a maximum of 30 \$DUCK to incentivise the public and members of the community to partake in giveaways and contests. In year 2 and onwards, we project to use a maximum of 20 \$DUCK per year for continual growth.

The team is investigating ways in which we can use smart contracts to lock these funds up and return an amount back to the community wallet at a certain time interval. We acknowledge there currently is a security concern related to holding the funds in a wallet compared to locking with a time release.

In late Q2, 10 \$DUCK was allocated towards rewarding LPs over the span of two weeks (3rd of June — 17th of June 2021).

### 0.1.4 Treasury wallet

The treasury wallet funds are used to maintain current operations and sponsor future \$DUCK products and projects. Through each project undertaken, some profits will be diverted to the treasury wallet. Through the use of a multi-sig wallet across the entire core team, we can ensure these funds are secure[1].

<b>Wallet</b>	<b>Owner</b>	<b>Address</b>
Community Wallet	Nines	zil14jct2x5nw73rnwdy8g0kjs99k8z29mu0eccspg
Treasury Wallet	Nines+Team	zil169ndkx3flmrcc97m7t8d5vwl82qek92negglqr

Table 2: Wallet holders and addresses

## **0.2 Future pipeline**

As a team we have already discussed a range of different product and project ideas. Some of the projects are easier to achieve than others. As a team we do not want to commit to a certain timeline of projects to meet. Rather, we'd like to share some of our initial headline ideas for future projects.

In order to prioritise the needs of the DUCK community, the use of governance voting is being considered. This will allow us to develop tools that will add value to our holders' experience within the Zilliqa ecosystem.

### **0.2.1 Project : Non Fungible Ducks Phase I**

NFD Phase I delves into the provision of a limited supply of NFTs, with varying attributes and rarity values. These NFDs can be used to access the NFT Deployer and Viewer which were developed in Q2, as part of the ZilHive hackathon. A more detailed exploration of NFD Phase I may be found in the project specific pondpaper.

### **0.2.2 Project : Non Fungible Ducks Phase II**

NFD Phase I allows the team to identify ownership of the NFT as another key to exclusive future products, rather than relying on a fixed supply fungible token. In NFD phase II we have thought of a few ways to give a usecase to the NFDs developed in Phase I.

An initial concept was a browser game whereby the characters available to the user would be relevant to the NFD presently owned in the user's wallet. Another initial concept was to gamify ZilSwap trading, whereby users with a NFD could opt-in and have their ZilSwap trades tracked and counted on a high-score. Lastly, another concept was to add an auction feature into the NFD store, where users could list their NFD for sale and other users can bid to win the listed NFD.

NFD Phase II has been kickstarted by the NFT Deployer and Viewer developed in late Q2. As we continue to gain a better understanding of the capabilities of NFTs, we plan on further developing more features that will add more intrinsic value to the NFDs.

### **0.2.3 Project : Graphs Phase I**

Graphs Phase I is a project where we attempt to chart all of the registered tokens that *Zilstream* and *Zilgraph* provide - and we strive to further the space in the name of decentralisation and chart (most) of the tokens on the unregistered list.

We propose, as usual, that users will need to be holding a specified amount of \$DUCK to use our graphing features. We have raised a request to TradingView to use their technical analysis licence. We also propose a mechanism where users can set price notifications and be alerted via SMS or PUSH when this occurs.

### **0.2.4 Project : DuckDeepRender**

DuckDeepRender is a promising development within the generative NFT space. Further details will be communicated in due time.

### **0.2.5 Project : X**

Project X is an unnamed project which has significant implications for Zilliqa Ecosystem. We are thinking of drafting a proposal to ZilHive under the conditions of protected NDA. We could also self fund this development effort. From our brief analysis, this would be the most interactive project onchain in terms of transactions to and from.

### **0.2.6 Project : LP rewards**

Rewarding LPs is a key priority for us. LPs have been provided with limited edition vouchers that can be traded in for the NFDs in Phase I. LPs have also been rewarded with some \$DUCK, split proportionally based on their pool weighting.

Part of the \$DUCK buyback is being analysed for

As the year progresses, we are continuing to analyse how we can reward LPs through secondary mechanisms. Further details will be communicated in due time.

# Bibliography