Smart Contract Audit

Spooky Pepe

October 28th, 2023

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Overview

The objective of this report is to conduct a comprehensive audit of the smart contract in question. The audit aims to scrutinize various aspects of the smart contract, including but not limited to its overall architecture, codebase, and functionalities.

Name	Spooky Pepe
Website	https://spookypepe.org
Token Name	Spooky Pepe
Token Symbol	PEPESP
Blockchain	ETH
Address	0xb0be36779c122e38bb7760bed79cbdae3d05c3c3

Contract Issues

Compiler errors	Passed
Oracle calls	Passed
Emit function fidelity	Passed
Timestamp dependence	Passed
DoS with revert	Passed
DoS with block gas limit	Passed
Private data leaks	Passed
Safe OpenZeppelin usage	Passed
Fallback functions	Passed
Timestamp dependency	Passed

Summary
No contract issues have been identified.

Security Issues

Exploits

Dangerous vulnerabilities that will lead to loss of funds and or impairment of the contract and its functions.

No issues present.

Function Bugs

Significant bugs or mistakes with isolated impact, affecting only specific functions of the contract without compromising overall functionality.

No issues present.

Trivial Mistakes

Syntax or spelling mistakes that are of no consequence to the functionality of the contract.

No issues present.

Summary
No security issues have been identified.

Team Privileges

Tradability

Some smart contracts may contain functions that can freeze all swaps.

Owner can be frozen by the team; however, ownership has been renounced.
There is a maximum buy and maximum transaction limit in place; however, ownership has been renounced, so these limits cannot be changed.

Minting

Minting new tokens post-launch can plummet the value of existing tokens.

Team cannot mint new tokens.

Blacklisting

Blacklisting can prevent wallets from swapping the tokens that they hold.

Owner can blacklist addresses; however, ownership has been renounced.

Tax Levels

Excessive taxation can decrease or in some cases eliminate all trader profits.

Owner can change the buy and sell taxes; however, ownership has been renounced.

Summary

The team has no control over the contract since ownership is renounced.

Contract Features

❖ Each transaction is taxed.

❖ Taxed tokens are sent to the dev wallet.

❖ Owner could set tax rate.

❖ Owner could set maximum transaction and maximum wallet limits.

❖ Owner could choose to stop and resume transactions at any given time.

Summary

The contract functions as intended and contains no misbranded features.

Final Review

No contract issues have been identified.
No security issues have been identified.
The team has no control over the contract since ownership is renounced.
A permanent 1% tax is collected and sent to the 'marketing' wallet address.
Contract features are clear and they work as intended.

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