Audit Report

Greenland

January 2022

Type   BEP20

Network   BSC

Address   0x7A0cfFd8d9f15803Cea3A771753122f1f04E1251

Audited by   © coinscope

Table of Contents

Contract Review

Contract Name	Token
Compiler Version	v0.6.2+commit.bacdbe57
Optimization	200 runs
Licence	MIT
Explorer	https://bscscan.com/token/0x7A0cfFd8d9f15803Cea3A771753122f1f04E1251
Symbol	GREN
Decimals	18
Total Supply	86,910,000,000
Source	contract.sol
Domain	greenlandcrypto.io

Audit Updates

Initial Audit	21st January 2022
Corrected	

Contract Analysis

● Critical ● Medium ● Minor ● Pass

Severity	Code	Description
●	ST	Contract Owner is not able to stop or pause transactions
●	OCTD	Contract Owner is not able to transfer tokens from specific address
●	OTUT	Owner Transfer User's Tokens
●	ELFM	Contract Owner is not able to increase fees more than a reasonable percent (25%)
●	ULTW	Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent
●	MT	Contract Owner is not able to mint new tokens
●	BT	Contract Owner is not able to burn tokens from specific wallet
●	BC	Contract Owner is not able to blacklist wallets from selling

Contract Diagnostics

● Critical   ● Medium   ● Minor

Severity	Code	Description
●	L01	Public Function could be Declared External
●	L09	Dead Code Elimination

L01 - Public Function could be Declared External

Criticality	minor
Location	contract.sol#L564,L545,L527 and 7 more

Description

Public functions that are never called by the contract should be declared external to save gas.

```
decreaseAllowance
increaseAllowance
transferFrom
...
```

Recommendation

Use the external attribute for functions never called from the contract

L09 - Dead Code Elimination

Criticality	minor
Location	contract.sol#L63,L94,L172 and 13 more

Description

Functions that are not used in the contract, and make the code's size bigger.

```
sub
mul
mod
...
```
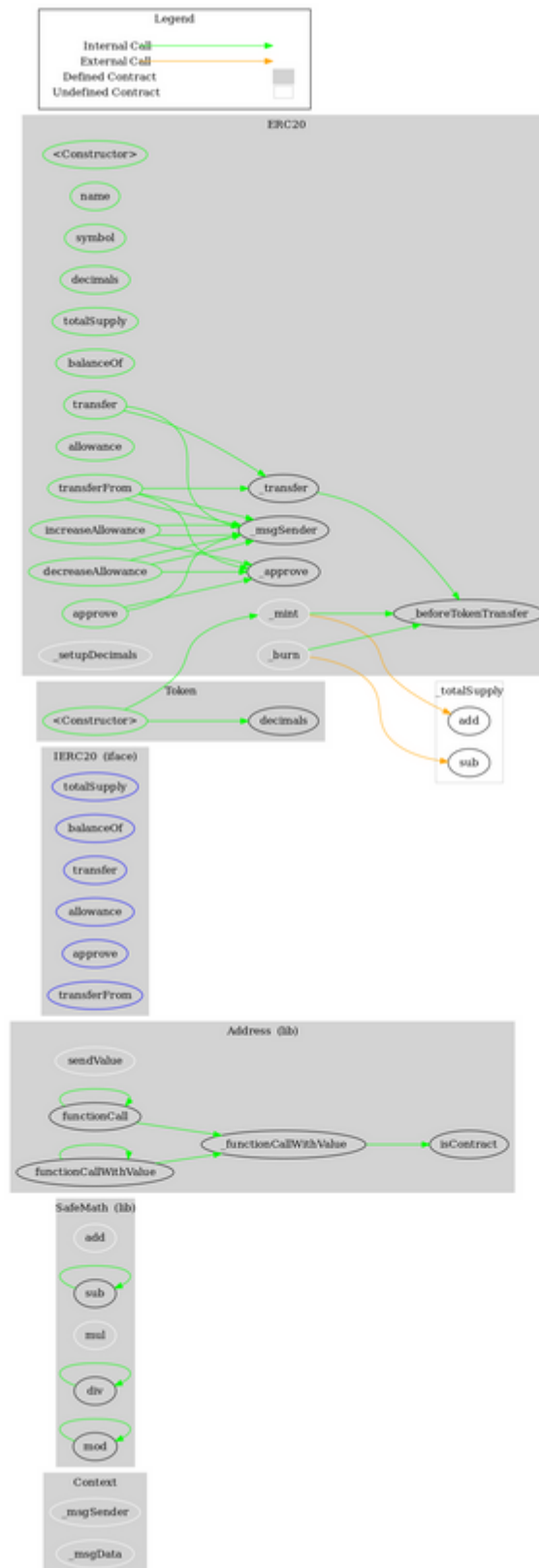
Recommendation

Remove unused functions.

Contract Functions

Contract	Type	Bases		
	Function Name	**Visibility**	**Mutability**	**Modifiers**
Context	Implementation			
	_msgSender	Internal		
	_msgData	Internal		
SafeMath	Library			
	add	Internal		
	sub	Internal		
	sub	Internal		
	mul	Internal		
	div	Internal		
	div	Internal		
	mod	Internal		
	mod	Internal		
Address	Library			
	isContract	Internal		
	sendValue	Internal	✓	
	functionCall	Internal	✓	
	functionCall	Internal	✓	
	functionCallWithValue	Internal	✓	
	functionCallWithValue	Internal	✓	
	_functionCallWithValue	Private	✓	
IERC20	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-

	transferFrom	External	✓	-
ERC20	Implementation	Context, IERC20		
	\<Constructor\>	Public	✓	-
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	increaseAllowance	Public	✓	-
	decreaseAllowance	Public	✓	-
	_transfer	Internal	✓	
	_mint	Internal	✓	
	_burn	Internal	✓	
	_approve	Internal	✓	
	_setupDecimals	Internal	✓	
	_beforeTokenTransfer	Internal	✓	
Token	Implementation	ERC20		
	\<Constructor\>	Public	✓	ERC20

Contract Flow

Domain Info

Domain Name	greenlandcrypto.io
Registry Domain ID	3f9e8e7dca9e4f42b8b38422b7c9fc88-DONUTS
Creation Date	2022-01-12T12:55:44Z
Updated Date	2022-01-17T12:56:31Z
Registry Expiry Date	2023-01-12T12:55:44Z
Registrar WHOIS Server	key-systems.net
Registrar URL	http://key-systems.net
Registrar	Key-Systems GmbH
Registrar IANA ID	269

The domain has been created 9 days before the creation of the audit. It will expire in 12 months.

There is no public billing information, the creator is protected by the privacy settings.

Summary

The Smart Contract analysis reported no compiler error or critical issues. In fact there are not any functions that can be abused by the owner to interrupt the user's transactions.

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