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DATE

25th of October 2022

**Project Summary** 

Client:

**BODEGA BLOCKS** 

Bodega Blocks is the first NFT project that integrates isometric generative art with unique utility and innovative NFTomics that stabilize the floor price by using a deflationary supply model with appreciating, passive USDT stable coin rewards to holders. Bodega is developing an interactive 3D CUBE platform that will showcase the Bodegas on land parcels and aims to promote artists/collections in the NFT space by integrating their art onto the Bodegas in various

Bodega Blocks Provided The Following Smart Contracts For Static Analysis and Dynamic Analysis:

Bodega NFT Mint Testnet Contract: 0xAEA8Cf1688809Ed42B28376a4970Ee1aF2614028

Bodega Claim Testnet Contract: 0xfb620397d8Bcf0683B9c24DB1AB99ad79C3801Dc

#### Disclaimer:

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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#### **Audit Process**

The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.

This document details Sky Pegasus LLC's findings and recommended solutions. Our audit was performed in the weeks leading up to October 25, 2022. The contract we audited has yet to be deployed.

## Static Analysis + Dynamic Analysis

Static analysis examines code to identify issues within the logic and techniques. This type of analysis addresses weaknesses in source doe that might lead to vulnerabilities. The static analysis supports Development operations by creating an automated feedback loop. Static review can lead to false positives/negatives which Sky Pegasus confirms or denies with penetration testing. Static analysis is being used on Bodega Blocks because it specifically identifies defects before you run a program (e.g, between coding and unit testing).

The dynamic analysis finds vulnerabilities in a runtime environment. Automated tools analyze the input and output of an application for potential threats like SQL injection. Tools can also search for other application-specific issues and analyze server configuration errors. The purpose of dynamic analysis is to analyze the program as an attacker would, looking for entry points and vulnerable sections during program execution. Hence, We create a well-written suite of manual ran unit and regression tests,

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NO.	AUDIT ITEMS	Audit Subclass	Result
1	Overflow Audit	N/A	Passed
2	Race conditions Audit	N/A	Passed
3	Authority Control	Permission Vulnerability Audit Excessive Auditing Authority	Passed Passed
4	Denial of Service Audit	N/A	Passed
5	Gas Optimization Audit	N/A	Passed
6	Design Logic Audit	N/A	Passed
7	Malicious Event Log Audit	N/A	Passed
8	"False Deposit" Vulnerability Aud	lit N/A	Passed
9	Uninitialized Storage Pointers Au	ıdit N/A	Passed
10	Arithmetic Accuracy Deviation A	udit N/A	Passed
11	Outdated Complier Version	N/A	Passed
12	Reetrancy Attack	N/A	Passed
13	Flash Loans	N/A	Passed
14	Oracle Issues	N/A	Passed
15	Verifiable Random Function	N/A	Passed
16	Safe Design Audit	Zeppelin Module Safe Complier Version Hard-coded Version Fallback Function Safeuse Show Coding Security Function Return Value Security Call Function	Passed Passed Passed Passed Passed





# Dynamic Analysis

FILE	%Stmts	%Branch	%Funcs	%Lines
NFT Mint Contract	100	100	100	100
Claim Contract	100	100	100	100

## **High Severity Issues**

No High Severity Issues were found.

# **Moderate Severity Issues**

No Medium Severity Issues were found.

# **Low Severity Issues**

No Low Severity Issues were found.

## **Conclusion**

No issues were found.

### Sky Pegasus LLC note:

Please check the disclaimer above and note - the report is provided 'as-is' and makes no statements or warranties whatsoever. The report is provided only for the contract(s) mentioned in the report.