



Advanced Manual Smart Contract Audit



Project: Hen Hatch Miner

Website: <https://www.henhatch.fun/>

● **Low-risk**

3 low-risk code
issues found

● **Medium-risk**

0 medium-risk code
issues found

● **High-risk**

0 high-risk code
issues found

Contract address

0x9097C11b5941B47A8Ce8e523Ce8e92BC891f5E1d

Disclaimer: Coinsult is not responsible for any financial losses. Nothing in this contract audit is financial advice, please do your own research.

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Coinsult is not responsible if a project turns out to be a scam, rug-pull or honeypot. We only provide a detailed analysis for your own research.

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Coinsult cannot be held responsible for when a project turns out to be a rug-pull, honeypot or scam.

Tokenomics

- Not applicable

Source code

Coinsult was commissioned by Hen Hatch to perform an audit based on the following smart contract:

<https://bscscan.com/address/0x9097C11b5941B47A8Ce8e523Ce8e92BC891f5E1d#code>

Manual Code Review

● Low-risk

3 low-risk code issues found.

Could be fixed, will not bring problems.

- Avoid relying on `block.timestamp`
`block.timestamp` can be manipulated by miners.

```
baker.firstDeposit = block.timestamp;
```

- No reentrancy protection on withdrawals
Even though USDT is usually safe, this is still: bad practice

```
function eat() public {  
    ...  
    sendFees(totalBnbFee, forGiveAway);  
    IERC20(USDT).transfer(msg.sender, bnbToEat);  
}
```

- Literals with many digits are difficult to read and review.
Recommendation: Use Ether suffix, Time suffix, or The scientific notation

```
uint136 BNB_PER_BEAN = 1000000000000;
```

● Medium-risk

0 medium-risk code issues found.

Should be fixed, could bring problems.

● High-risk

0 high-risk code issues found

Must be fixed, and will bring problems.

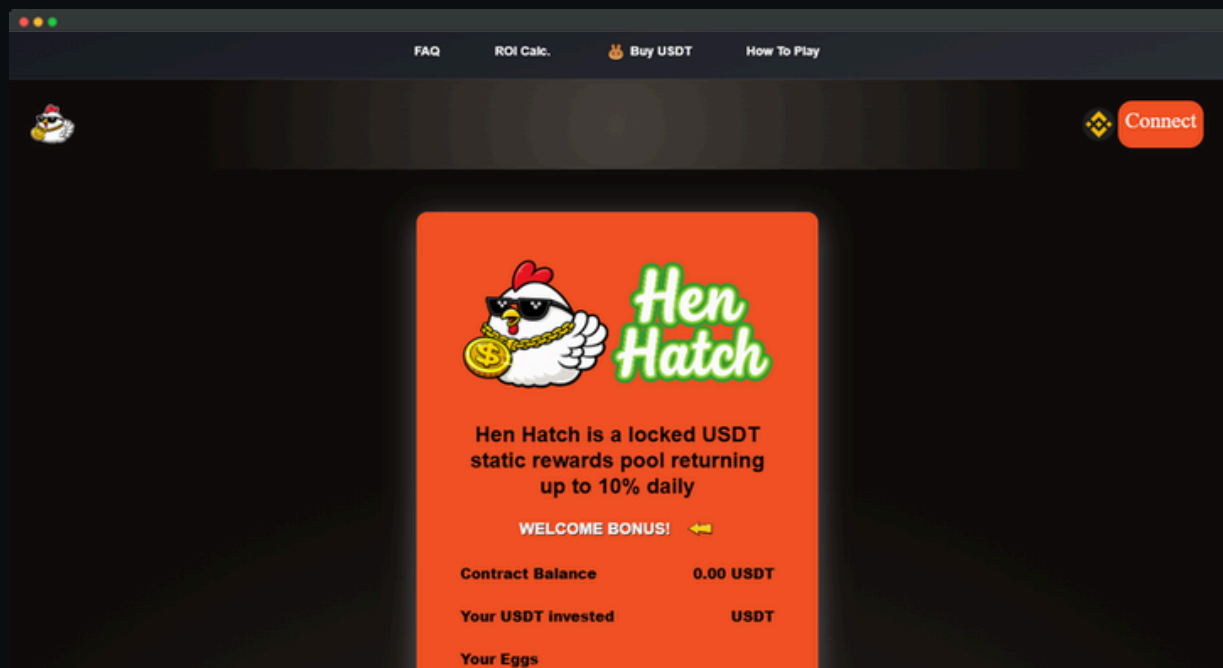
Extra notes by the team

- Contract is immutable.
- The ownership of the contract isn't renounced.
- Funds are locked inside the contract and are given out daily.

Contract Snapshot

```
contract HenHatch is Context, Ownable {  
    using SafeMath for uint256;  
  
    address public OWNER_ADDRESS  
    bool private iniialized = false;  
    address BUSD = 0x55d398326f99059fF775485246999027B3197955;  
    address payable private recAdd; address payable private  
marketingAdd; address payable private teamAdd; address  
payable private webAdd; mapping (address => uint256)  
private springRollChefs; mapping (address => uint256)  
private claimedSpringRolls; mapping (address => uint256)  
private lastHarvest; mapping (address => address) private  
referrals; bool private whitelistActive = true;  
mapping(address => bool) public Whitelisted; uint256  
private marketSpringRolls;
```

Website Review



Coinsult checks the website completely manually and looks for visual, technical and textual errors. We also look at the security, speed and accessibility of the website. In short, a complete check to see if the website meets the current standard of the web development industry.

- Mobile Friendly
- Contains no jQuery errors
- SSL Secured
- No major spelling errors

Loading speed: 82%

Rug-pull Review

Based on the available information analyzed by us, we come to the following conclusions:

- Locked Liquidity
 - Not applicable
- Large unlocked wallets
 - Not applicable
- No doxxed Team

Honeypot Review

Based on the available information analyzed by us, we come to the following conclusions:

- Ability to sell
- Owner is not able to pause the contract
- Router can be changed
 - Not applicable

Note: Please check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by the project owner.