Express Audit Report for

Bitchain [BTC]

De.Fi

Project Summary

Project Name	BEP20Token(Bitchain)
Address	0xd12b4384ef38fd7431421aa218ed62b49c739fb6
Network	56

Issue ID	184
Severity	⊙ High
Status	Optimization
Description Code	**function increaseAllowance**(**address** spender, **uint256** addedValue) **public returns** (**bool**) { _approve(_msgSender(), spender, _allowances[_msgSender()] [spender].add(addedValue)); **return** true; }
Location	increaseAllowance(address,uint256) should be declared external: - BEP20Token.increaseAllowance(address,uint256) (BEP20Token.sol#467-470)

Issue ID	184
Severity	⊙ High
Status	Optimization
Description Code	**function decreaseAllowance**(**address** spender, **uint256** subtractedValue) **public returns** (**bool**) { _approve(_msgSender(), spender, _allowances[_msgSender()][spender].sub(subtractedValue, "BEP20: decreased allowance below zero")); **return** true; }
Location	decreaseAllowance(address,uint256) should be declared external: - BEP20Token.decreaseAllowance(address,uint256) (BEP20Token.sol#486-489)

Issue ID	182
Severity	⊙ Medium
Status	Informational

Description Code	**constructor**() **public** {
	_name = "Bitchain";
	_symbol = "BTC";
	_decimals = 9;
	_totalSupply = 40000000 *10 **9;
	_balances[msg.sender] = _totalSupply;
	emit Transfer(**address**(0), msg.sender, _totalSupply);
	}

Location	BEP20Token.constructor() (BEP20Token.sol#353-361) uses literals with too many digits: - _totalSupply = 40000000 * 10 ** 9 (BEP20Token.sol#357)