Kirobo Staking contract / September 2020

Files in scope

https://github.com/kiroboio/ki-eth-token/blob/597a33855d849a0e15bd17ac314997f4f1bb1d52/contracts/Unipool.sol

Current status

All reported issues have been addressed by the developer.

Issues

1. Tokens can get stuck in the contract

Type: usability / Severity: medium

if `s_totalSupply == 0`, `s_rewardPerTokenStored` won't be updated, but `s_lastUpdateTime` will, which will result in the KIRO tokens for the period being stuck in the contract forever.

status - fixed

The issue is no longer present in

https://github.com/kiroboio/ki-eth-token/blob/8b63db2dc85e938f81939da2a71e313722f770d9/contracts/Staking.sol

2. Contract makes it difficult to add new rewards without increasing the reward rate

Type: usability / Severity: medium

It will be very difficult in practice to call `addReward` before the last period finished without increasing the `s_rewardRate`.

status - fixed

The issue is no longer present in

https://github.com/kiroboio/ki-eth-token/blob/8b63db2dc85e938f81939da2a71e313722f770d9/contracts/Staking.sol