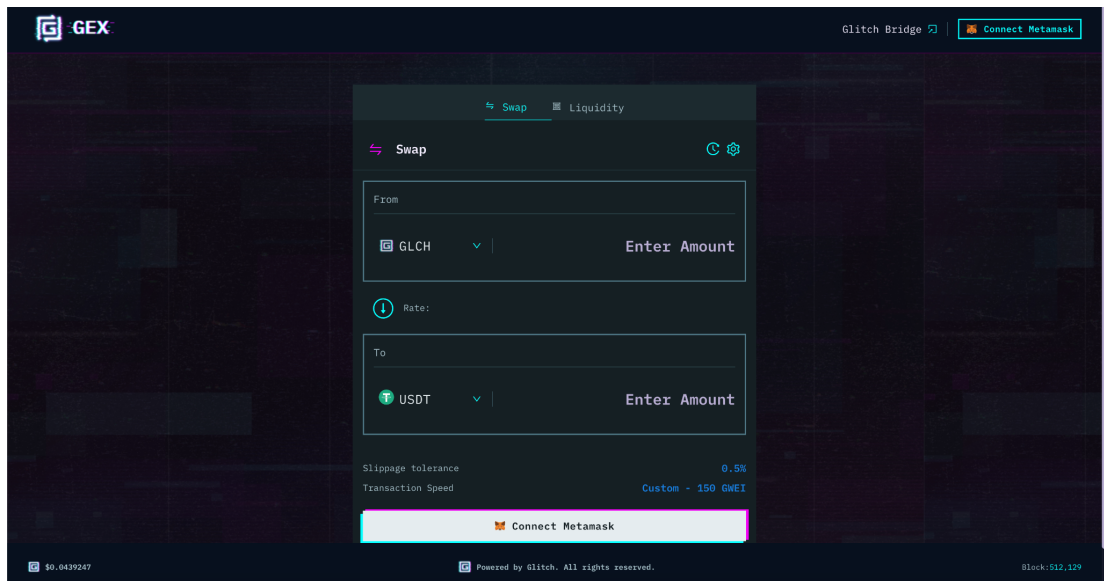


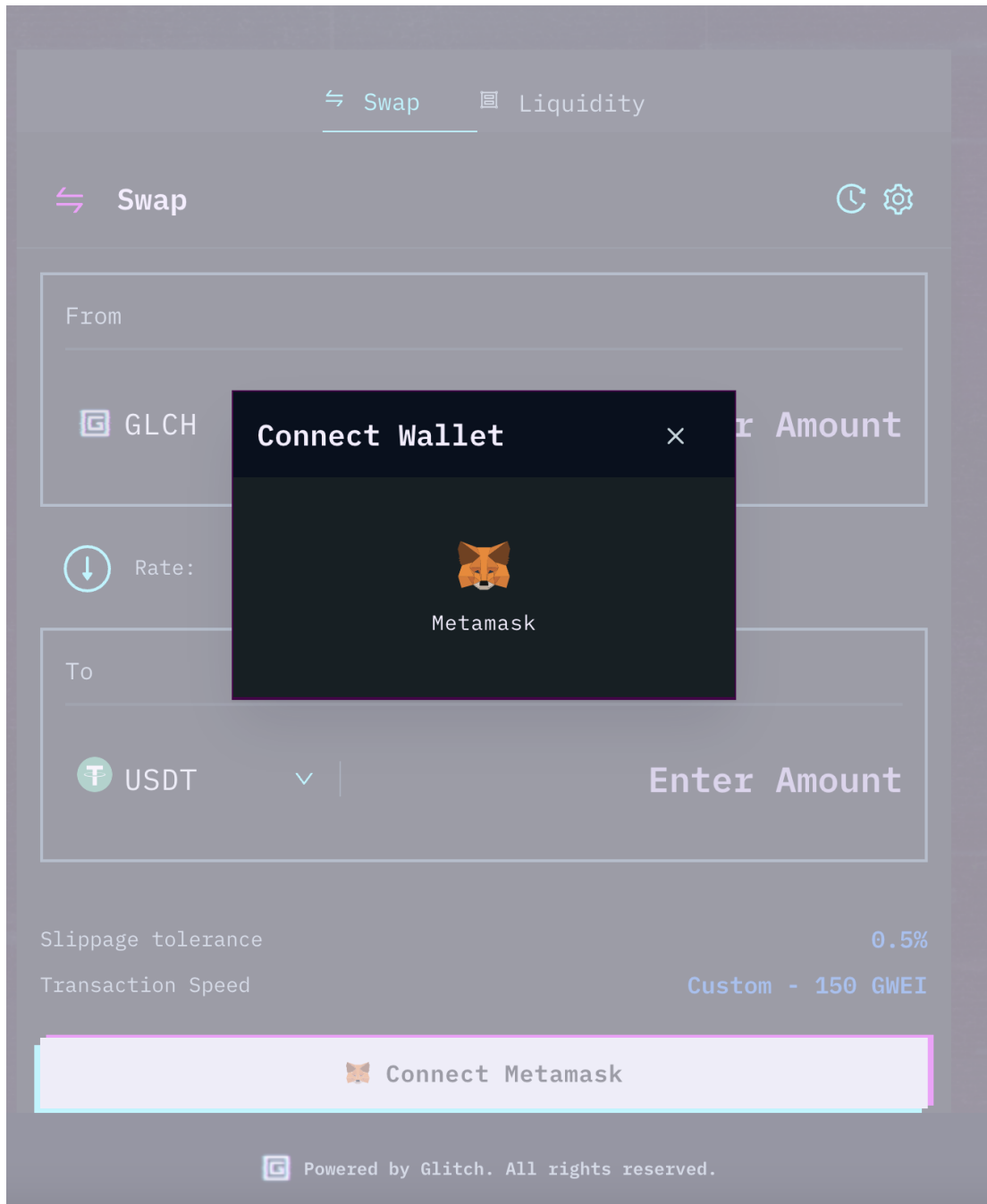
GEX - USER MANUAL

HOW TO CONNECT WALLET

1. Download and install Metamask wallet
<https://chrome.google.com/webstore/detail/metamask/nkbihfbeogaeaoehlefnkodbefgpgknn>
2. Go to <https://gex.glitch.finance/>
3. Click Connect Metamask



- Click on the Metamask Logo



- Metamask will ask you to approve the connection with GEX, please approve it.
- Once finished, you will see your GLCH address and balance are recognised in GEX at the top right corner



HOW TO SWAP

1. Go to <https://gex.glitch.finance/>
2. After you connect to Metamask, the Swap tab is always shown by default

The screenshot displays the 'Swap' interface of the GEX platform. At the top, there are two tabs: 'Swap' (active) and 'Liquidity'. Below the tabs, the 'Swap' section is titled with a double-headed arrow icon and the word 'Swap'. To the right of the title are icons for a clock and settings. The main area is divided into two sections: 'From' and 'To'. The 'From' section shows 'GLCH' as the selected token, with a balance of 'Loading GLCH'. It includes a dropdown menu with a checkmark and a 'Max' button. The 'To' section shows 'USDT' as the selected token, with a balance of 'Loading USDT'. It also includes a dropdown menu with a checkmark and an 'Enter Amount' input field. Below these sections is a 'Rate:' indicator with a downward arrow icon. At the bottom, there are settings for 'Slippage tolerance' (0.5%) and 'Transaction Speed' (Custom - 150 GWEI). A large 'Swap' button is located at the very bottom.

3. Please select the pair of coins or tokens you would like to swap

4. Input the amount for one of the tokens/coins. The system will auto calculate the correct converted amount for the other token.

↵ Swap


📄 Liquidity

↵ Swap

🕒 ⚙️

From

Balance: Loading GLCH

 GLCH

▼

Max

0.111445


⬇️

Rate: 1 GLCH ~ 0.8973 ETH

🔄

To

Balance: 49.9986438574156588 ETH

 ETH

▼

0.1

Slippage tolerance

0.5%

Transaction Speed

Custom - 150 GWEI

Maximum sold ⓘ

0.112 GLCH


Price Impact ⓘ

9.97%

Liquidity Provider Fees ⓘ

0.000334336 GLCH

Swap

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5. The Swap button will be enabled. Please click Swap

6. Confirm the Swap

[⇌ Swap](#) [📖 Liquidity](#)

[←](#) **Confirm Swap**


From

 **0.111445 GLCH**

⬇

Rate: 1 GLCH ~ 0.8973 ETH

To

 **0.1 ETH**

Input is estimated. You will sell at most **0.112002 GLCH** or the transaction will revert.

Slippage tolerance

0.5%

Transaction Speed

Custom - 150 GWEI

Maximum sold ⓘ

0.112 GLCH


Price Impact ⓘ

9.97%

Liquidity Provider Fees ⓘ

0.000334336 GLCH

Confirm

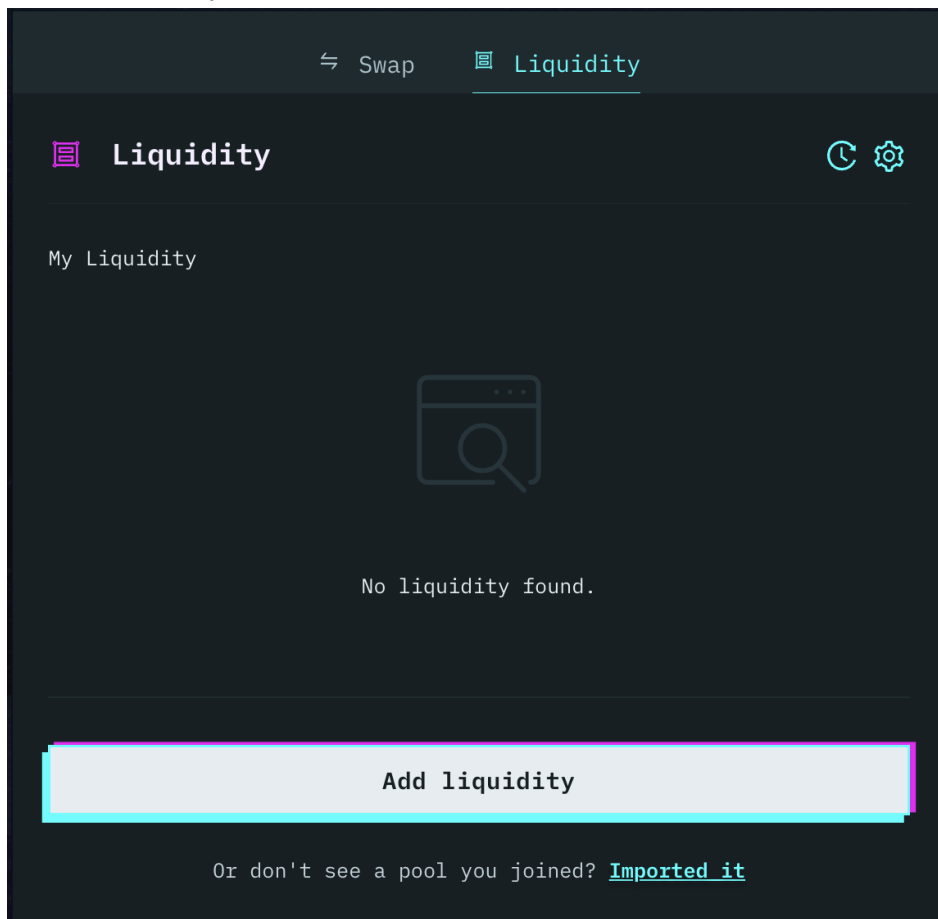
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7. Completed

HOW TO ADD LIQUIDITY

Case 1: You are the FIRST liquidity provider to a pool

1. Click on Liquidity tab



2. Click Add Liquidity

[↩ Swap](#) [📖 Liquidity](#)


[←](#) **Add Liquidity**
Become a Provider to earn up to 0.3% trading fees on all trades made

⚠

You are the first liquidity provider.
The ratio of tokens you add will set the price of this pool.
Once you are happy with the rate click supply to review.

Input

Balance:Loading GLCH

 GLCH

▼

Max


Enter Amount

⊕

Rate: 1 GLCH ~ - USDT

Input

Balance:Loading USDT

 USDT

▼

Max

Enter Amount

Share of Pool

0%

Transaction Speed

Custom - 150 GWEI

Enter an amount

3. Select the pair of coins or tokens you would like to add liquidity

4. Enter the amount for BOTH TWO tokens/coins. Please note that the ratio of tokens you add will set the price of the new pool

↩ Swap

Liquidity

←

Add Liquidity

Become a Provider to earn up to 0.3% trading fees on all trades made

⚠

You are the first liquidity provider.

The ratio of tokens you add will set the price of this pool.

Once you are happy with the rate click supply to review.

Input

Balance:Loading GLCH

GLCH

▼

Max

100

⊕

Rate: 1 GLCH ~ 1 USDT

Input

Balance:Loading USDT

USDT

▼

Max

100

Share of Pool

100%

Transaction Speed

Custom - 150 GWEI

Enable USDT

Provide

5. Click Enable first. Metamask will ask for your approval to Enable, please approve it.

[↩ Swap](#) [📄 Liquidity](#)


[←](#) **Add Liquidity**
Become a Provider to earn up to 0.3% trading fees on all trades made

⚠

You are the first liquidity provider.
The ratio of tokens you add will set the price of this pool.
Once you are happy with the rate click supply to review.

Input

Balance:Loading GLCH

 GLCH

▼

Max


100

⊕

Rate: 1 GLCH ~ 1 USDT

Input

Balance:Loading USDT

 USDT

▼

Max

100

Share of Pool

100%

Transaction Speed

Custom - 150 GWEI

Enabling USDT..

Provide


6. Then click Provide. Metamask will ask for your approval to provide liquidity to this pool, please approve it.

7. Now please confirm to provide liquidity. Click Create Pool & Supply

[↩ Swap](#) [📄 Liquidity](#)

[←](#) **Confirm Provide Liquidity**



You will receive

 **99.9999** GLCH/USDT pool tokens

Output is estimated. If the price changes by more than 0.50% your transaction will revert.

Share of Pool	100%
Transaction Speed	Custom - 150 GWEI

Rate	1 GLCH ~ 1 USDT
	1 USDT ~ 1 GLCH

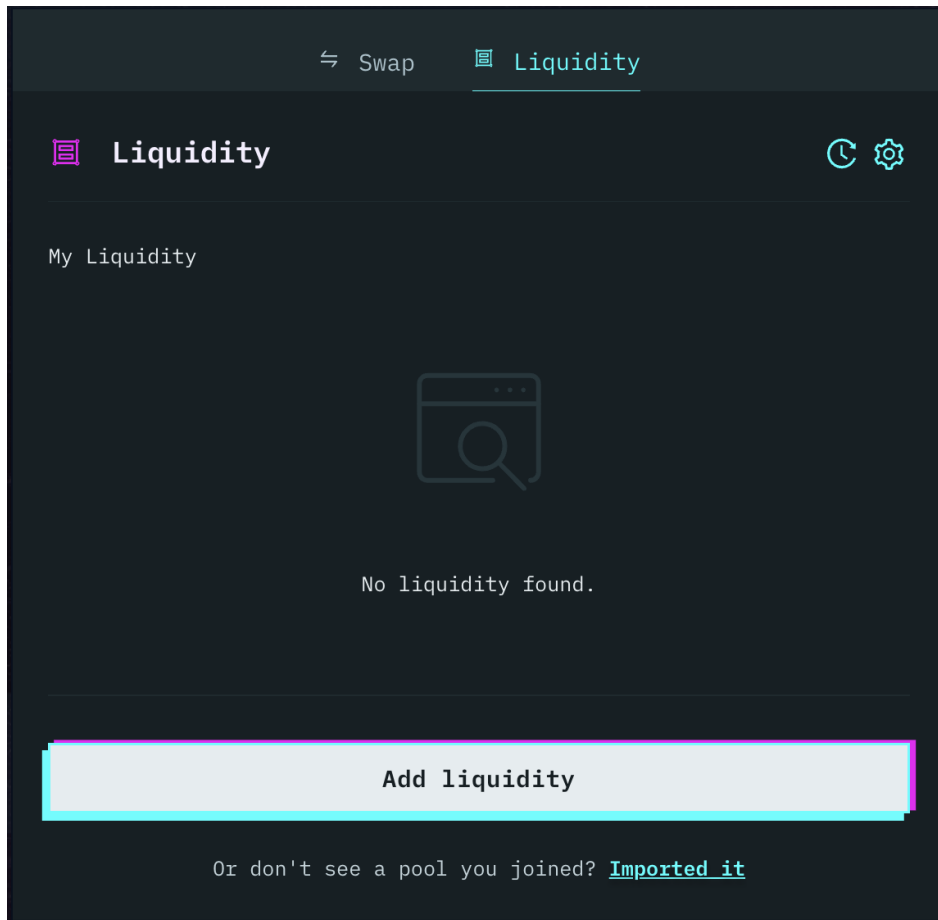
 GLCH to be deposited	100 GLCH
 USDT to be deposited	100 USDT

Create Pool & Supply

8. Completed.

Case 2: You are NOT the first liquidity provider to a pool

1. Click on Liquidity tab



2. Click Add Liquidity
3. Select the pair of coins or tokens you would like to add liquidity

4. Enter the amount for one coin or token. The system will auto calculate the correct converted amount for the other token.

⇌ Swap

Liquidity

←

Add Liquidity

Become a Provider to earn up to 0.3% trading fees on all trades made

Input

Balance:233.39735041 GLCH

GLCH

▼

Max

100

+

Rate: 1 GLCH ~ 0.0439247 USDT

Input

Balance:201 USDT

USDT

▼

Max

4.39247

Share of Pool

43.30%

Transaction Speed

Average - 100 GWEI

Provide



5. Click Provide. Metamask will ask for your approval to provide liquidity to this pool.

6. Now please confirm to provide liquidity. Click Create Pool & Supply

[↩ Swap](#) [📊 Liquidity](#)

[←](#) **Confirm Provide Liquidity**

You will receive

  **20.945** USDT/GLCH pool tokens

Output is estimated. If the price changes by more than 0.50% your transaction will revert.

Share of Pool

43.30%


Transaction Speed

Average - 100 GWEI


Rate

1 USDT ~ 0.04392 GLCH

1 GLCH ~ 22.77 USDT

 USDT to be deposited

100 USDT

 GLCH to be deposited

4.39247 GLCH

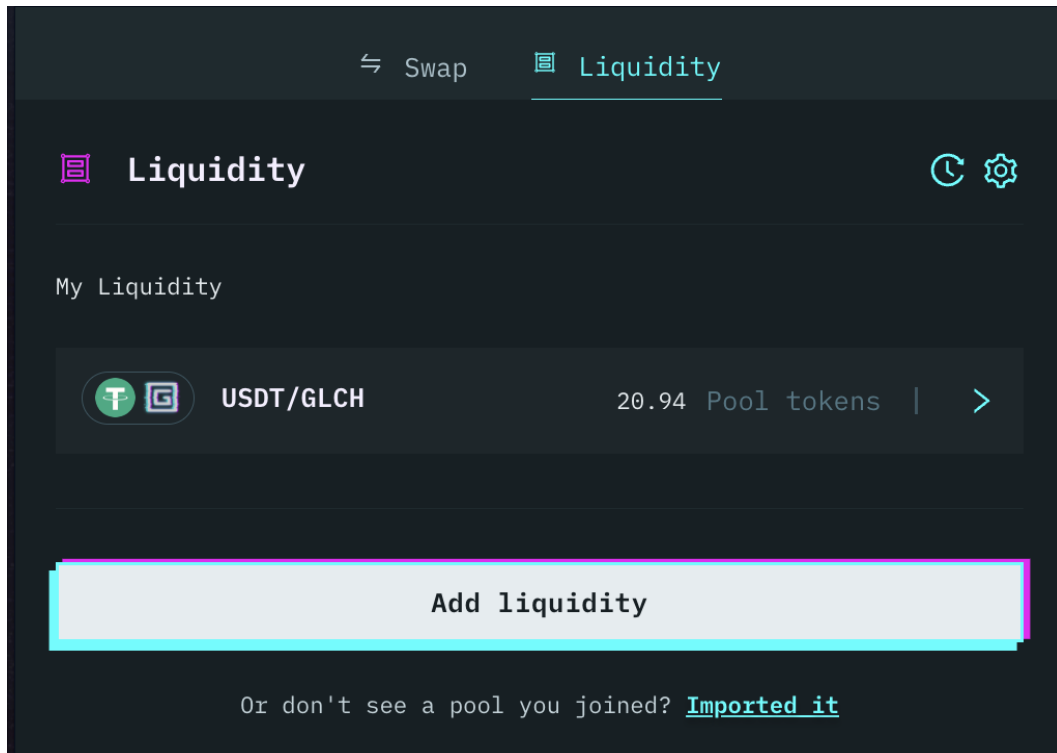
Confirm

7. Completed.

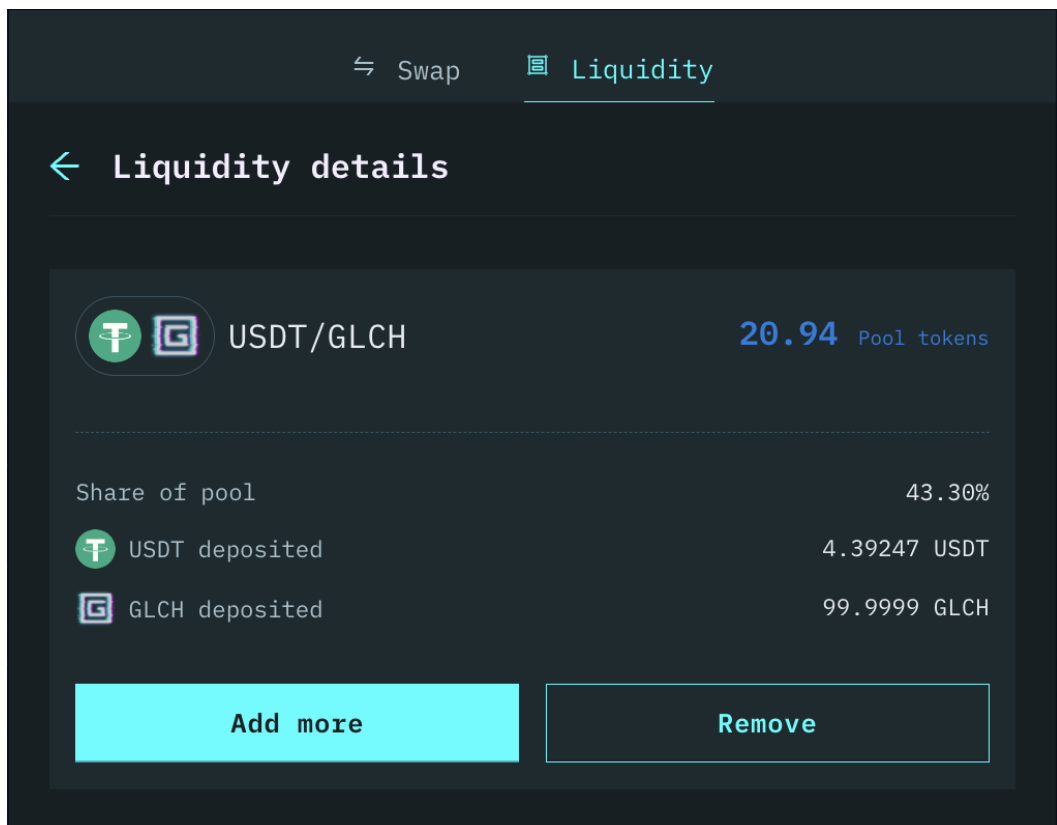
HOW TO REMOVE LIQUIDITY

1. Click on Liquidity tab

2. Select the pool that you added liquidity before



3. Click Remove



4. Select how much percentage you want to remove liquidity out of the pool. Then click Enable, Metamask will ask for your approval to remove liquidity from this pool, please

approve.

↵ Swap

Liquidity

←

Remove liquidity

Remove liquidity to receive trading fees and LP tokens

T

G

USDT/GLCH

You deposited	You're removing
20.94 pool tokens	12.77 pool tokens
<div>T</div> 4.39247 USDT	<div>T</div> 2.6794 USDT
<div>G</div> 99.9999 GLCH	<div>G</div> 60.9999 GLCH

Remove amount

25%

50%

75%


100%

Enable

Remove

5. Click Remove.



⇌ Swap

 Liquidity





←

Remove liquidity

Remove liquidity to receive trading fees and LP tokens



USDT/GLCH

You deposited	You're removing
20.94 pool tokens	12.77 pool tokens
 4.39247 USDT	 2.6794 USDT
 99.9999 GLCH	 60.9999 GLCH

Remove amount

25%

50%

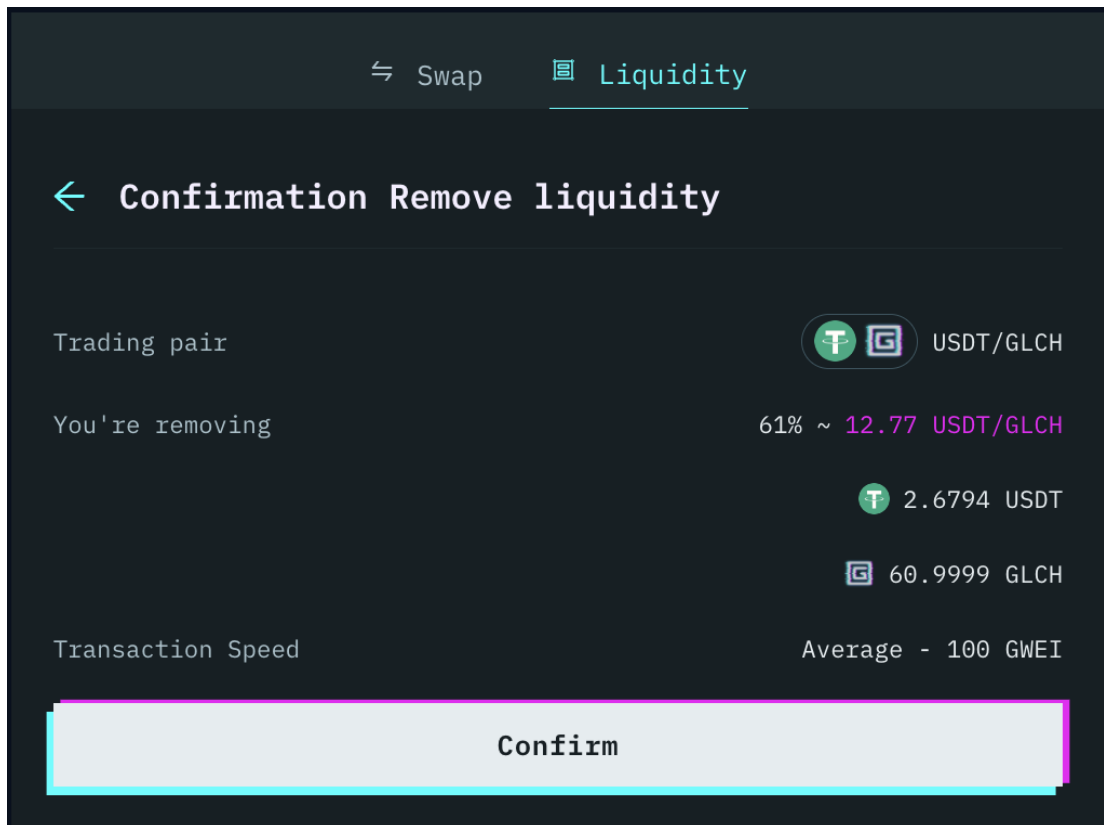
75%

100%

Enabled

Remove

6. Confirm the Removal. Metamask will ask for your approval to remove liquidity from this pool, please approve.



7. Completed.