

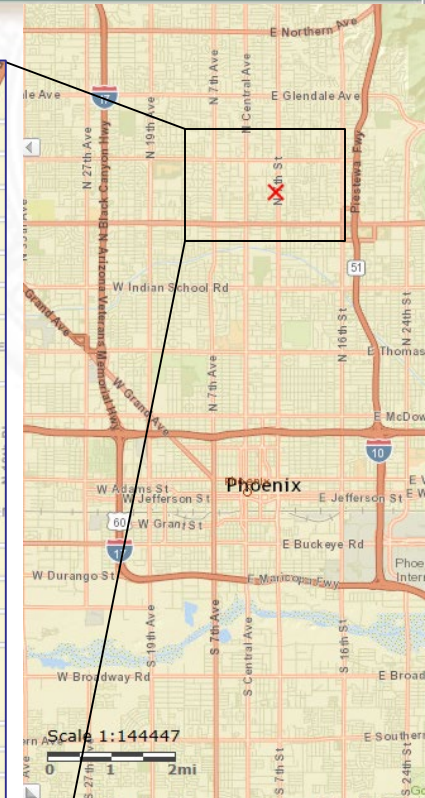
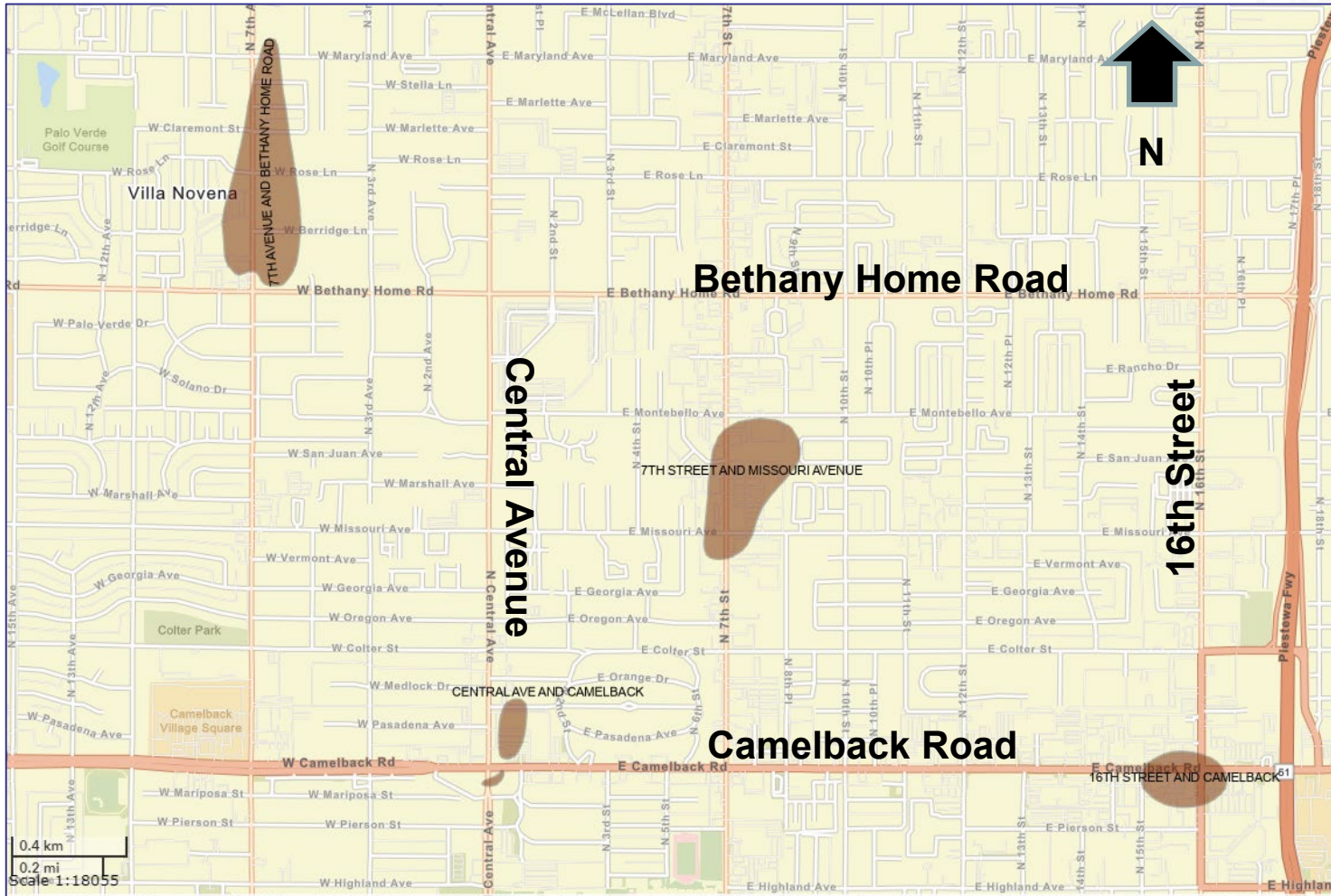
**7th Street and Missouri Avenue
Water Quality Assurance Revolving
Fund (WQARF) Site
Community Advisory Board (CAB)
Presentation**

September 28, 2022

Dr. Hazel Cox, Project Manager



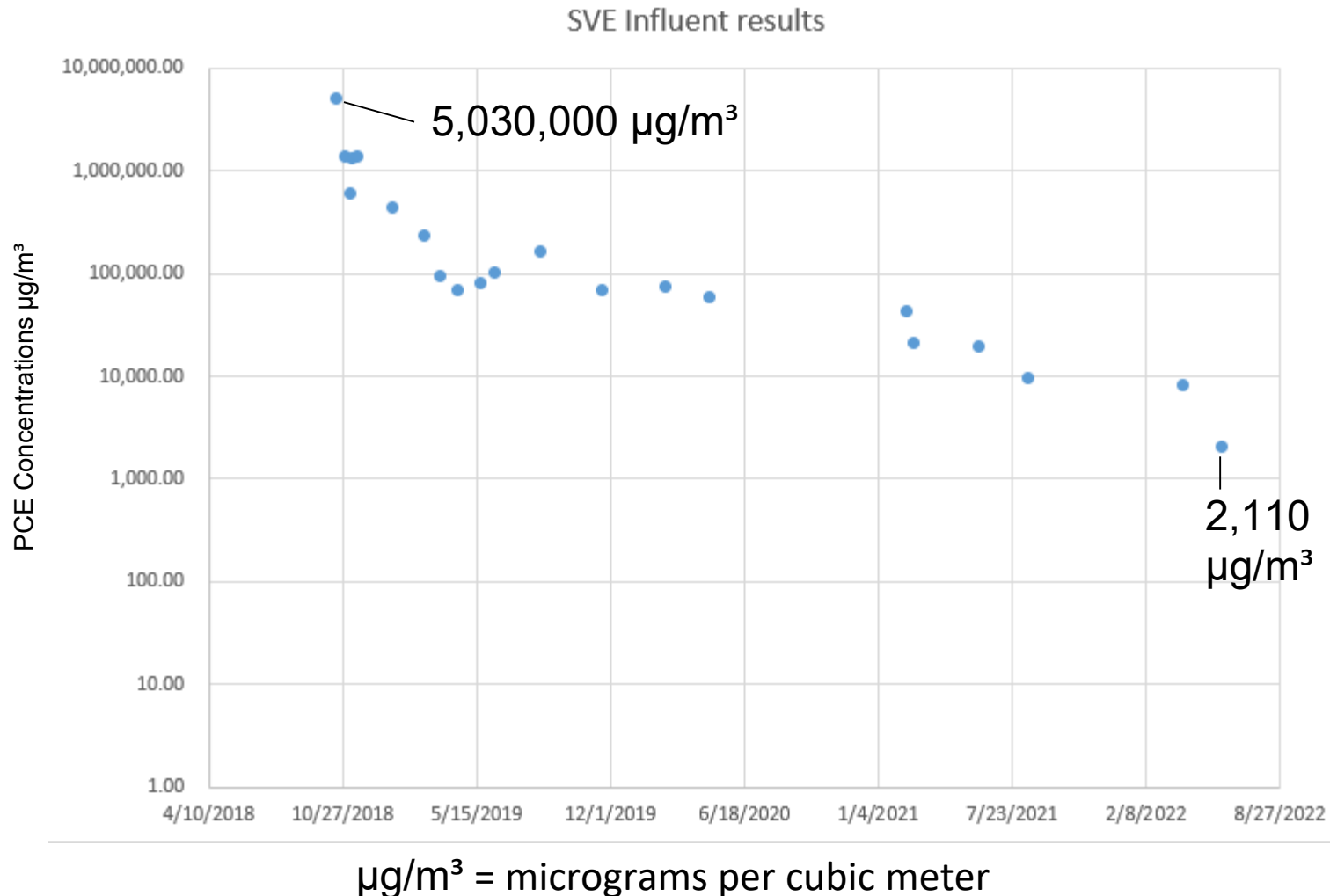
7th Street and Missouri Avenue Site location



- Record of Decision (ROD) finalized and released - November 11, 2021
- ROD implementation placed on hold due to Salt River Project (SRP) Appeal for Judicial Review - December 2021
 - ROD remains on hold as SRP and ADEQ work together to determine path forward for WQARF sites with impacted SRP wells
 - Currently waiting on access to obtain current sample from SRP well

- Continued operation and maintenance of Soil Vapor Extraction (SVE) and ozone sparge systems as Early Response Action
- Conducted Fiscal Year (FY) 21 groundwater sampling April 2021
- Conducted FY22 groundwater sampling February 2022
- Performed rebound test for SVE and Ozone systems May 2022 – July 2022
- Rebound sampling July/August 2022, all systems turned back on

- SVE system has removed an estimated 537 pounds (lbs) of tetrachloroethene (PCE) since November 2018

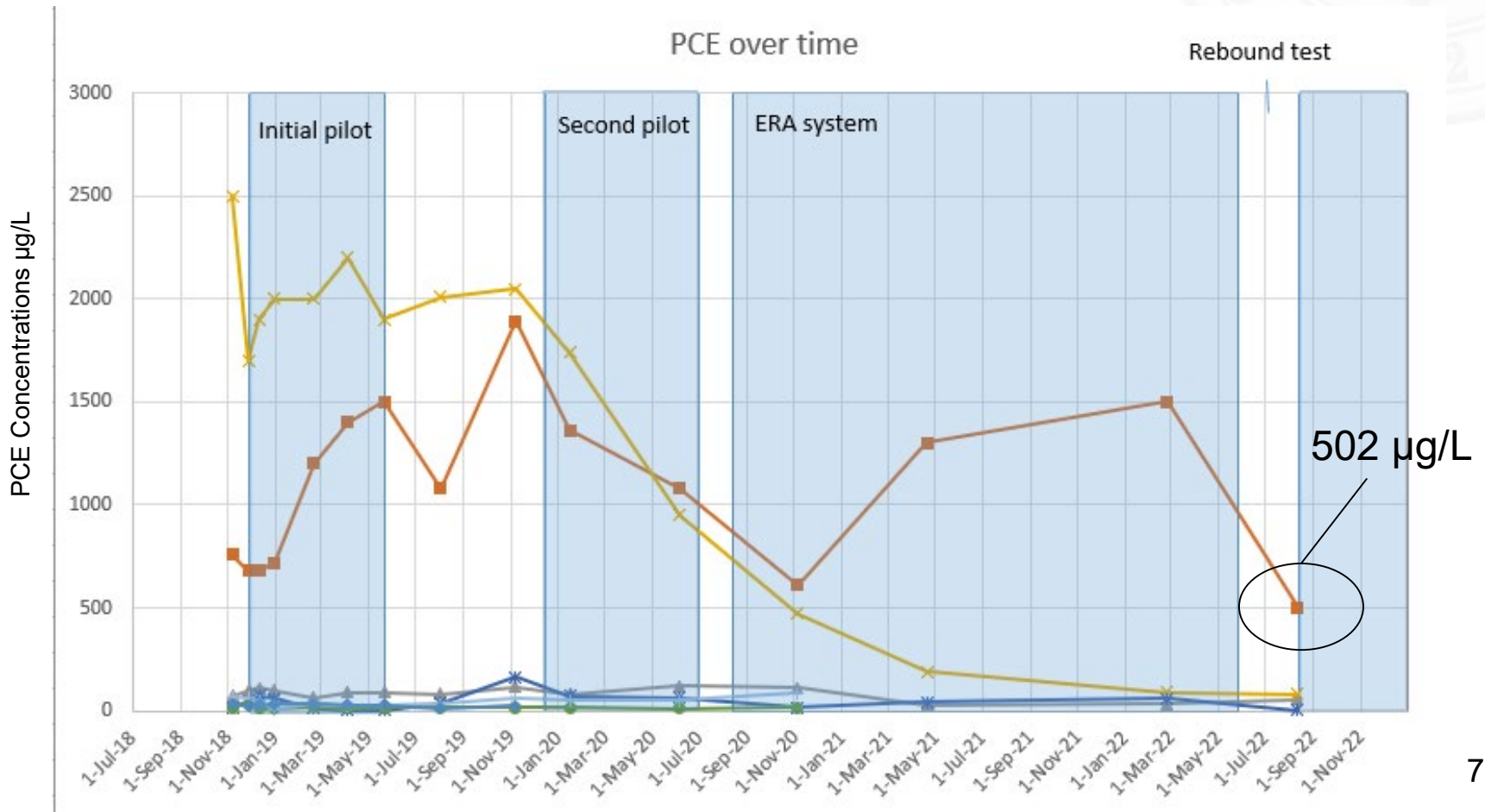


- PCE has decreased 2 orders of magnitude in well closest to source (MW-201)

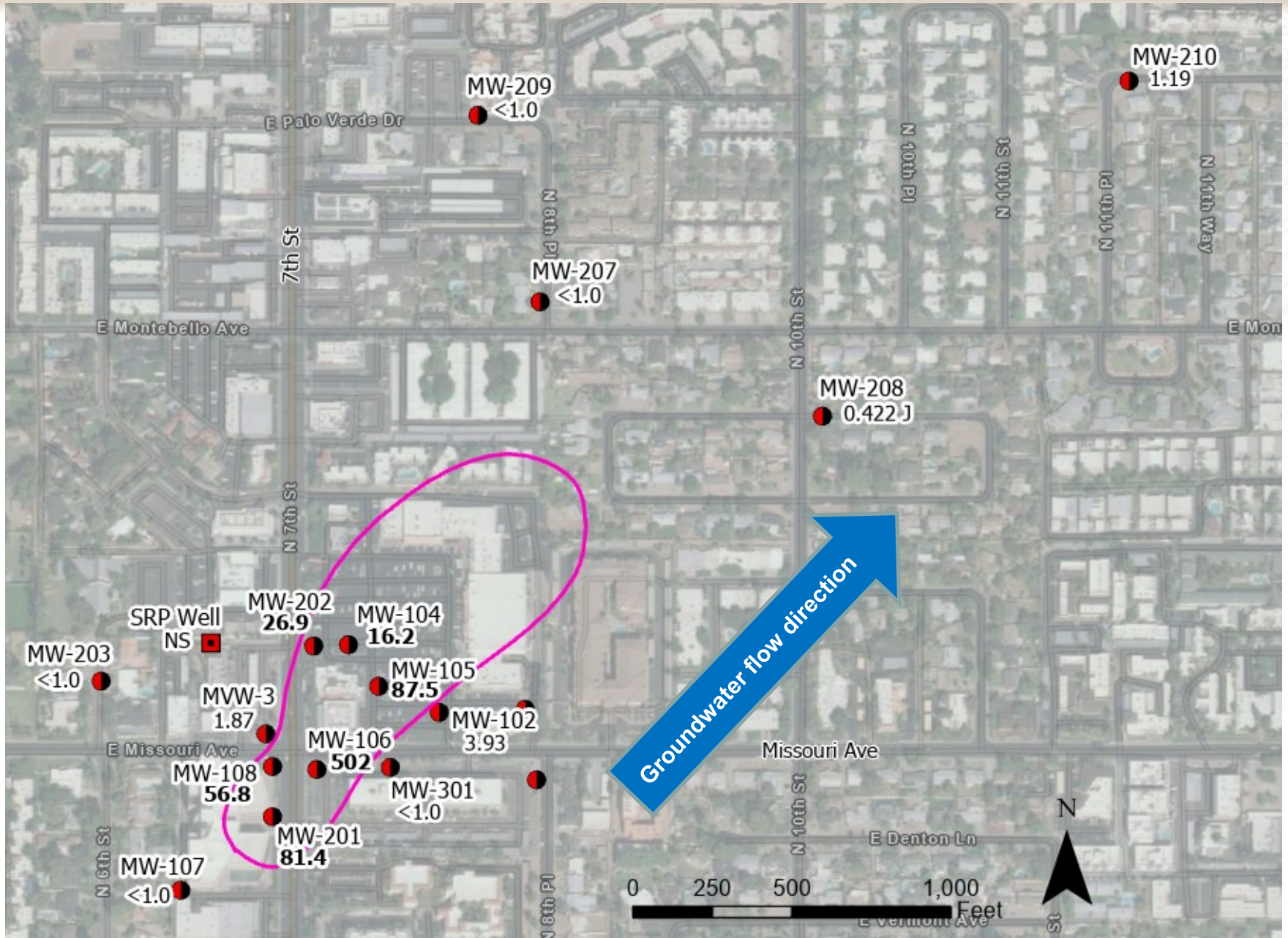
Well	Pilot test start		ERA system start				
	November 2019	January 2020	June 2020	November 2020	April 2021	February 2022	August 2022
MW-201	2050 µg/L	1740 µg/L	950 µg/L	470 µg/L	190 µg/L	88 µg/L	81.4 µg/L
MW-106	1890 µg/L	1360 µg/L	1080 µg/L	610 µg/L	1300 µg/L	1500 µg/L	502 µg/L
MVW-3	162 µg/L	71.4 µg/L	63.9 µg/L	18 µg/L	40 µg/L	58 µg/L	1.87 µg/L

µg/L = micrograms per liter

- Current highest concentration at site is 502 $\mu\text{g/L}$.



7th Street and Missouri Avenue PCE Concentrations – August 2022



- Evaluate rebound test data
- Determine if remedy enhancement needed for MW-106 area
- Work with SRP to move forward implementing ROD for the site

Questions?



Contact us!

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