



Legal & Claims Committee

Report on Nevada Environmental Response Trust Site and Request to Increase GeoPentech's Contract

Item 7-5

January 14, 2025

Item # 7-5

NERT Site Update and Continued Consulting Services

Subject

Report on Nevada Environmental Response Trust Site and request to increase GeoPentech's contract from \$300,000 to \$450,000

Purpose

Provide update on site investigation and remediation status and request additional funds to support consultant's current and anticipated future work

Item # 7-5

Continued Consulting Services on Key Hydrogeologic Issues

Recommendation

Authorize increase in GeoPentech's contract from \$300,000 to \$450,000

Fiscal Impact

\$150,000 for the authorized consulting services within the FY 2024/2025 budget

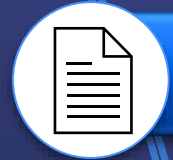
Budgeted

Funding Source: Legal Department Budget

Presentation Length

11 minutes

Overview



Background – Tronox & AMPAC Sites



GeoPentech's Technical Expertise



Tronox/NERT Site Remediation



AMPAC/Endeavour Site Remediation



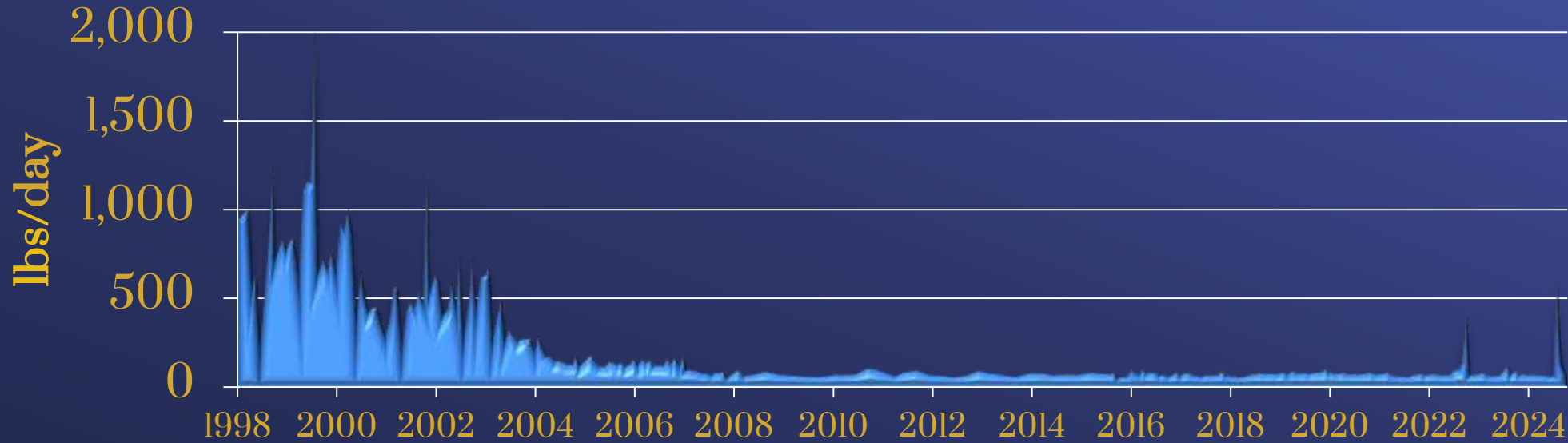
Next Steps

Perchlorate Plumes in Henderson, NV

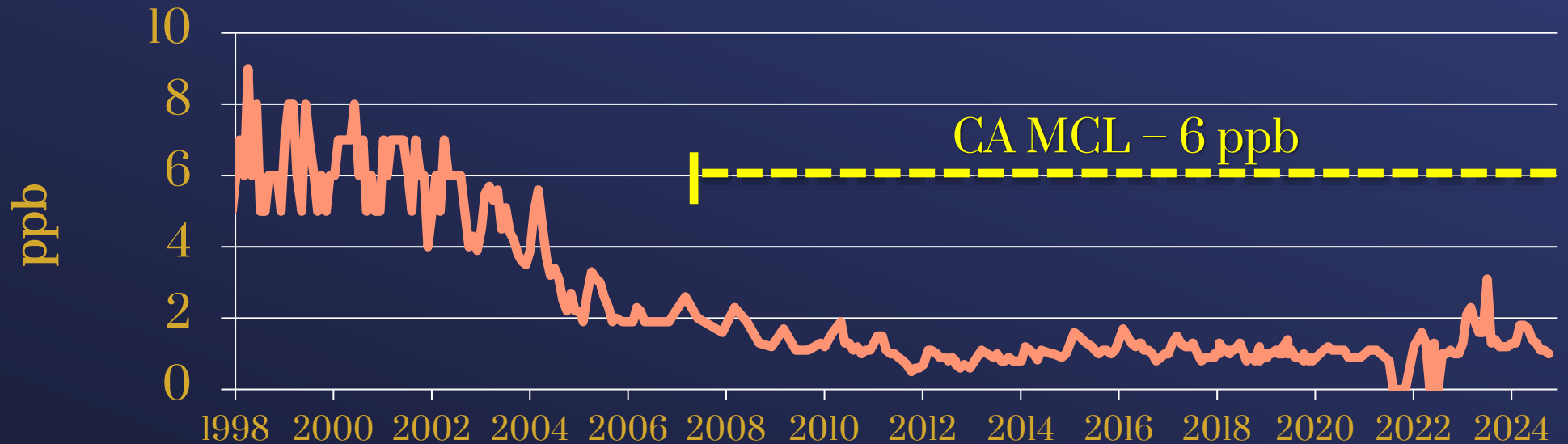
Background



Continued Decline in Perchlorate Levels

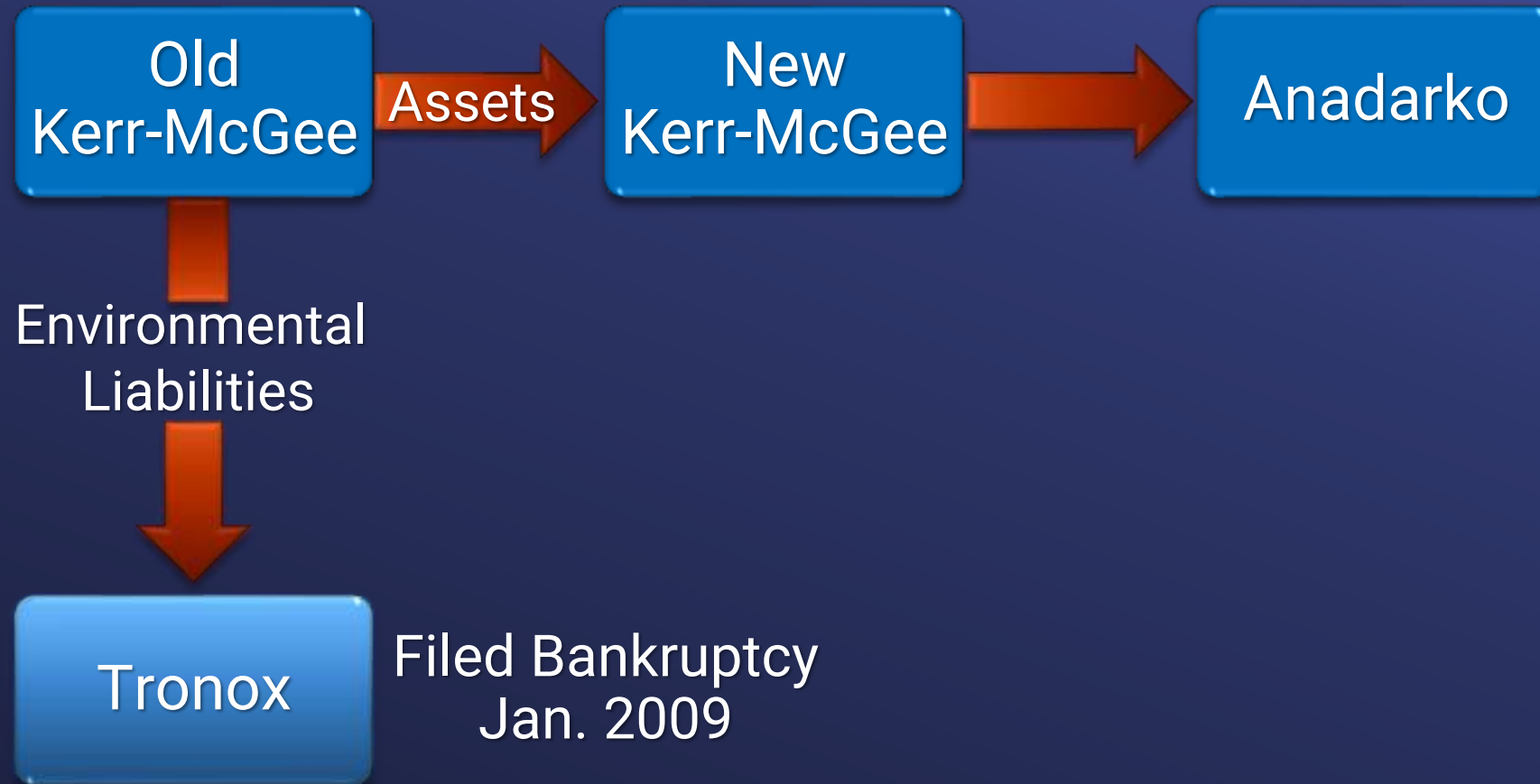


*Loading
into Las
Vegas
Wash*



*Levels at
CRA intake
at Lake
Havasu*

Kerr-McGee's Reorganization



Tronox Bankruptcy and Adversary Action



Background

- May 2009: Tronox sued Anadarko & Kerr-McGee
- February 2011: Tronox bankruptcy settled
 - \$81 million Nevada Environmental Response Trust (NERT) formed
- April 2014: Adversary Action settled
 - \$1.1 billion for NERT Site
- Regulatory agencies: NDEP and EPA

GeoPentech's Technical Services

- Extensive historical knowledge of NERT Site
- Specialized geologic and hydrogeologic expertise
 - Review technical documents and treatment options
 - Evaluate most efficient and cost-effective cleanup methods



NERT Site Investigation and Remediation

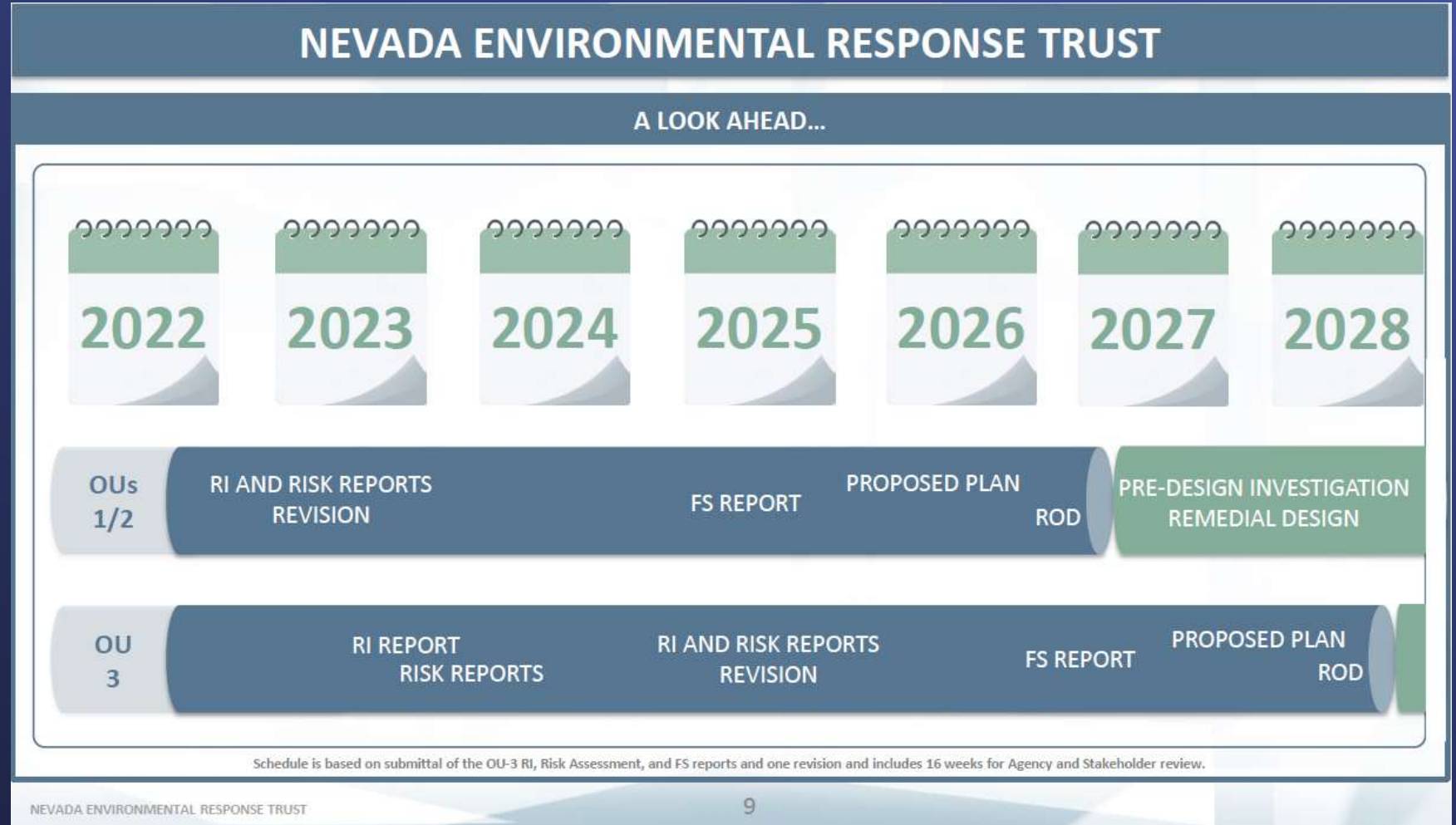
NERT Pump & Treat System



- Operation of groundwater pump and treat system
- Groundwater model updates
- Remedial investigation reports
 - Use of California's MCLs as cleanup standards

NERT Site Investigation and Remediation

GeoPentech's Assistance



NERT Site Investigation and Remediation

NERT Site Operable Units



Endeavour's Groundwater Treatment System



Endeavour Site Investigation and Remediation

- 2006: AMPAC began operating a groundwater treatment system
- 2015: Endeavour took over treatment facility and perchlorate remediation
- Present to ~2033: Source area onsite
- ~2033 to ~2043: Las Vegas Wash

GeoPentech's Assistance

Next Steps

- Continue to review and comment on investigation and remediation activities and reports
- Continue to participate in Stakeholder meetings and technical workshops
- Work with NDEP and EPA

Board Options

- **Option #1**

Authorize an increase of \$150,000 to an amount not to exceed \$450,000 for an existing contract with GeoPentech, Inc. for consulting services

- **Option #2**

Do not amend the contract for consulting services with GeoPentech, Inc.

Staff Recommendation

- Option #1

Authorize an increase of \$150,000 to an amount not to exceed \$450,000 for an existing contract with GeoPentech, Inc. for consulting services

