

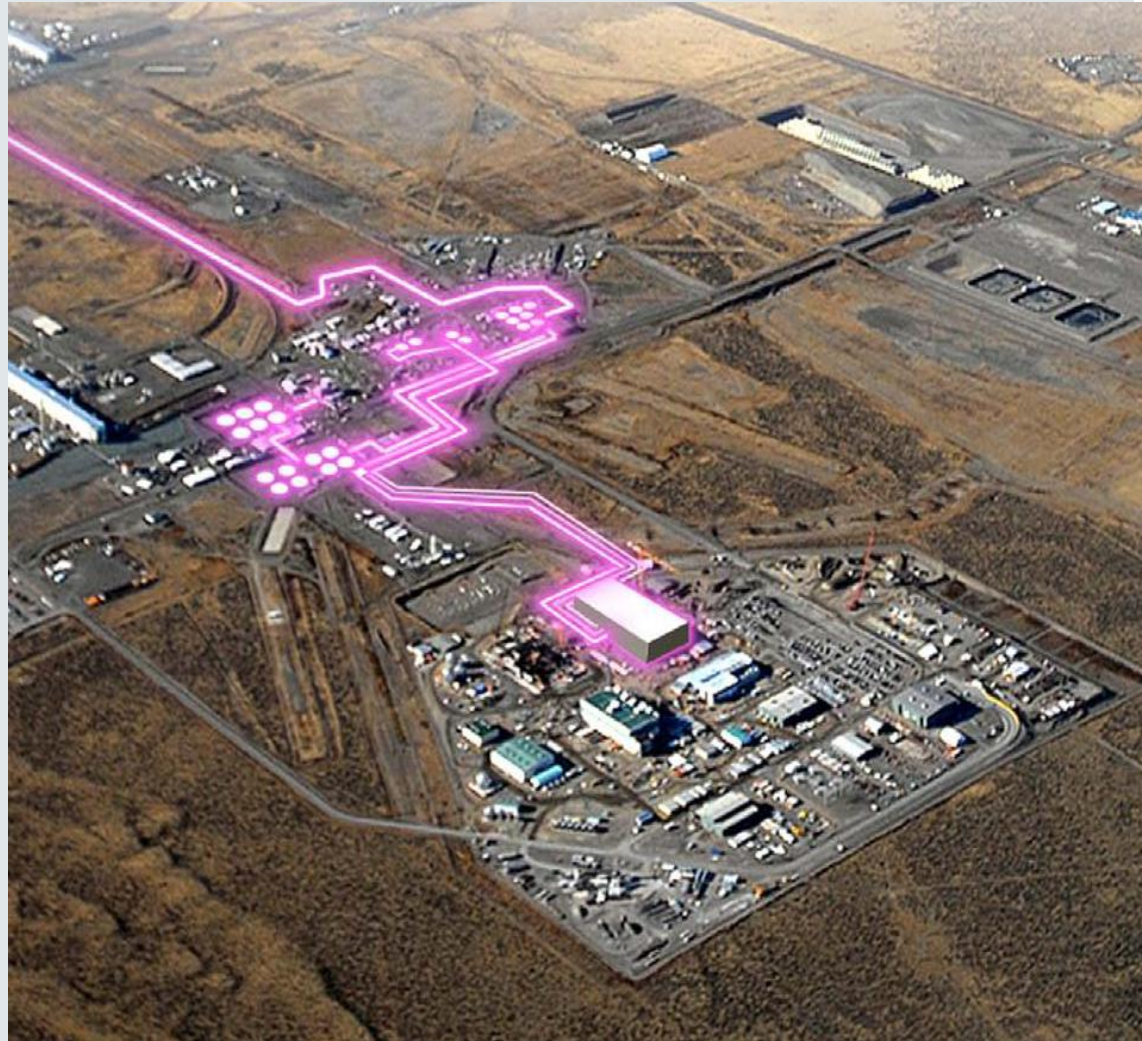


# One System Integrated Project Team

**Presentation to  
Hanford Advisory Board  
Tank Waste Committee**

**Ben Harp, DOE-WTP  
Ray Skwarek, WRPS  
Rick Kacich, WTP**

**October 10, 2012**





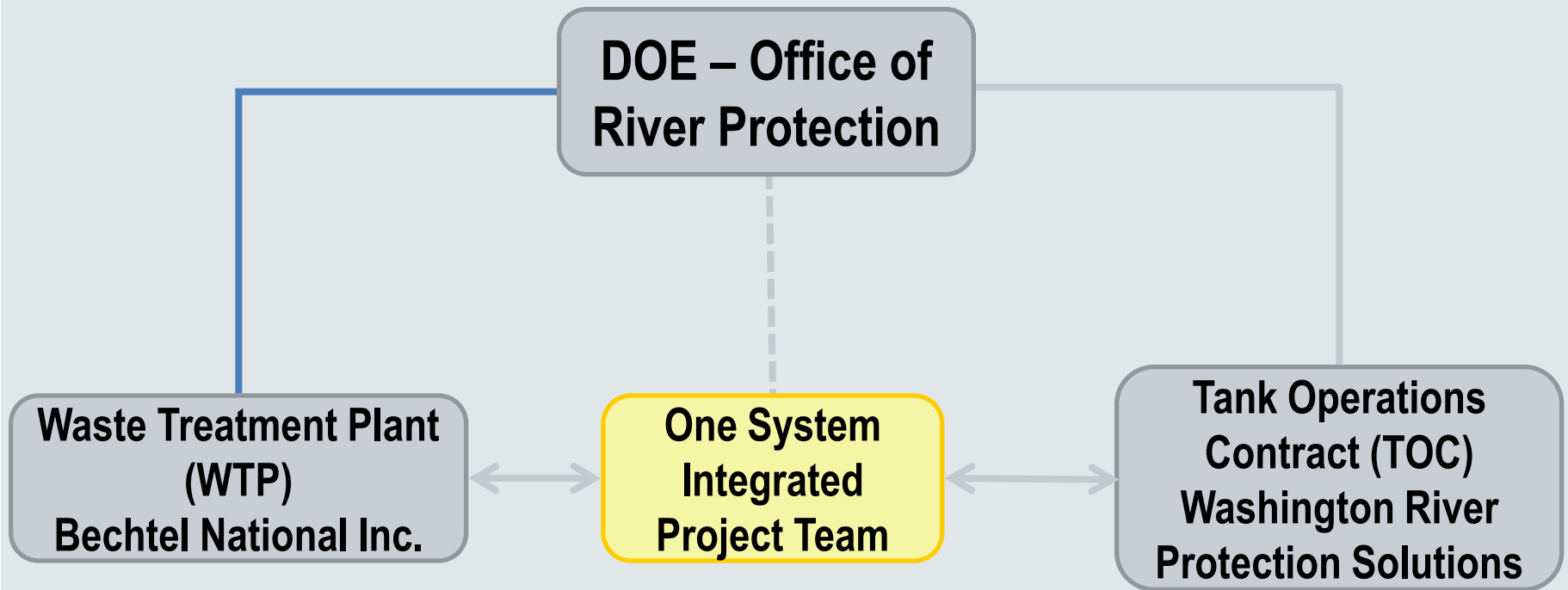
# Update

- Last Time We Met - We were exploring the idea of One-System
  - Focusing on constructing to operate the WTP and associated facilities
  - Execute **One System** approach
    - Focus on integrating the TOC and WTP contract
  - Explore opportunity to begin operations of LAW
    - Operational risk reduction by starting lowest hazard category facilities first
    - Allows design, safety, personnel and program challenges to be recognized/mitigated while not on critical path
    - Gain critical experience required to start up and operate more complex and hazardous PT & HLW facilities
  
- Today
  - One System Organization has been put into place
  - Re-plan direction for WTP has LAW ready for operations in 2018
  - Tank Farms has completed a down-select for supplemental pre-treatment system – needs to be revisited



# One System Management Approach

Four Organizations Unified to Achieve  
“One System”





# One System Integrated Project Team Vision

**One System is a WTP and TOC safety-conscious team that, through integrated management and implementation of risk-informed decisions and *mission-based solutions*, will enable the earliest start of safe and efficient treatment of Hanford's tank waste, to protect the Columbia River, environment and public.**

***One System Management Team-Building Workshop  
February 10, 2012***





# Implementing One System Vision

- WTP and TOC working together to integrate planning, scheduling, and management of interface activities required to prepare tank farm infrastructure for seamless commissioning and operation of WTP
- A dedicated WTP/TOC Integrated Project Team
- Making risk-informed decisions
- Developing mission-based solutions
- Enabling earliest start of safe and efficient treatment of Hanford's tank waste
- Tackling toughest issues and learning from each other
- Identifying cost savings and efficiencies from common approaches
- Unified mission and perspective

 ***Strong support and endorsement from DOE customer***



# One System Organization

***Integrated Waste Treatment Mission Leadership Team:***  
*Mike Johnson (TOC) Frank Russo (WTP)*

***One System Integrated Project Team (IPT) Management:***  
*Raymond Skwarek (Manager) Rick Kacich (Deputy)*

***Technical:*** Scott Saunders (TOC)  
Garth Duncan (WTP)

***Front-End Design/ Project Definition:*** Paul Rutland (TOC)  
Jim Rugg (WTP)

***Commissioning:*** Allan Exley (TOC)  
Ross Hamlett (WTP)

***Nuclear Safety/Eng. Sys. Integration:*** Richard Garrett (TOC)  
Fred Beranek (WTP)

***Project Integration and Controls:***  
Jeff Denning (TOC) John Arnold (WTP)

***ESH&Q:*** Jack Donnelly (TOC)  
Dale Gergely (WTP)

***Public Relations/ Stakeholder Management:*** Jerry Holloway (TOC)  
Suzanne Heaston (WTP)

***Engineering, Procurement, and Construction***

***Support Functions***



# One System

- **“One System”** management and organizational approach is within the scope of existing TOC and WTP contracts
  - Requires no contract modification nor additional funding to implement
  - Promotes integrated resolution of common issues
  - Assist in identifying integration initiatives short-term and long-term



## Near Term Initiatives Undertaken

- Conducted a WTP Options Workshop to openly discuss:
  - Direct feed alternatives
  - Technical issues and possible mitigation
- Supporting Energy Secretary Review Team
- Completed an Evaluation of Alternatives supporting Tank C-105 Dome Cut
- Obtained a joint WTP/TOC site license for SmartPlant<sup>®</sup> Foundation-Configuration Management System
- Created Program Integration Council
- Established formal One System Risk Management Team
- Documented initial cost savings resulting from One System





# Other Initiatives

- Support deliverables for DNFSB 2010-2
- Enabling improved personnel resource sharing
- Updated interface documents between WTP/TOC and MSA

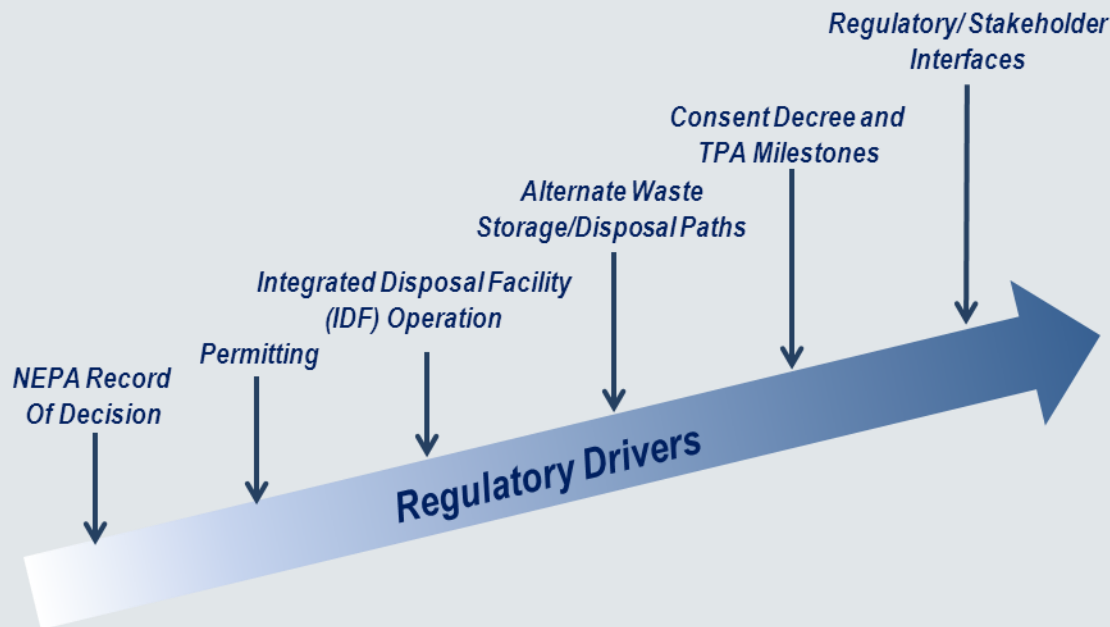
**▶ *Seeking Opportunities for Improved Collaboration***



# Integrated Regulatory Strategy

## Regulatory Strategy

- Integrating TOC and WTP regulatory requirements under One System IPT
- Work with Regulators and DOE on regulatory permits, permit requirements, and an integrated permitting strategy



**Regulatory Approach**

- Develop permits and execute work plans
- Negotiate permitting plans and schedules
- WTP modification of permits to align with TOC
- Develop One System Integrated Permitting Strategy approach (e.g., integrate TOC/WTP activities)
- Identify applicable environmental requirements and permits
- Identify One System workscope, schedules, and potential environmental impacts



**We are committed to delivering a Vit Plant that will successfully treat the tank waste and protect the Columbia River and the millions of people who live near it or depend on it.**

