



Draft Environmental Assessment for the Proposed Conveyance of Land at the Hanford Site (DOE/EA-1915D)



RICHLAND
OPERATIONS OFFICE
United States Department of Energy

Public Meeting

July 30, 2015

Agenda



- Public Meeting Purposes
- Background
- Analyses Conducted Simultaneously with Environmental Assessment (EA) Development
- Land Conveyance EA
- How to Provide Your Input on the EA
- Questions/Clarifications on Presentation

Public Meeting Purposes

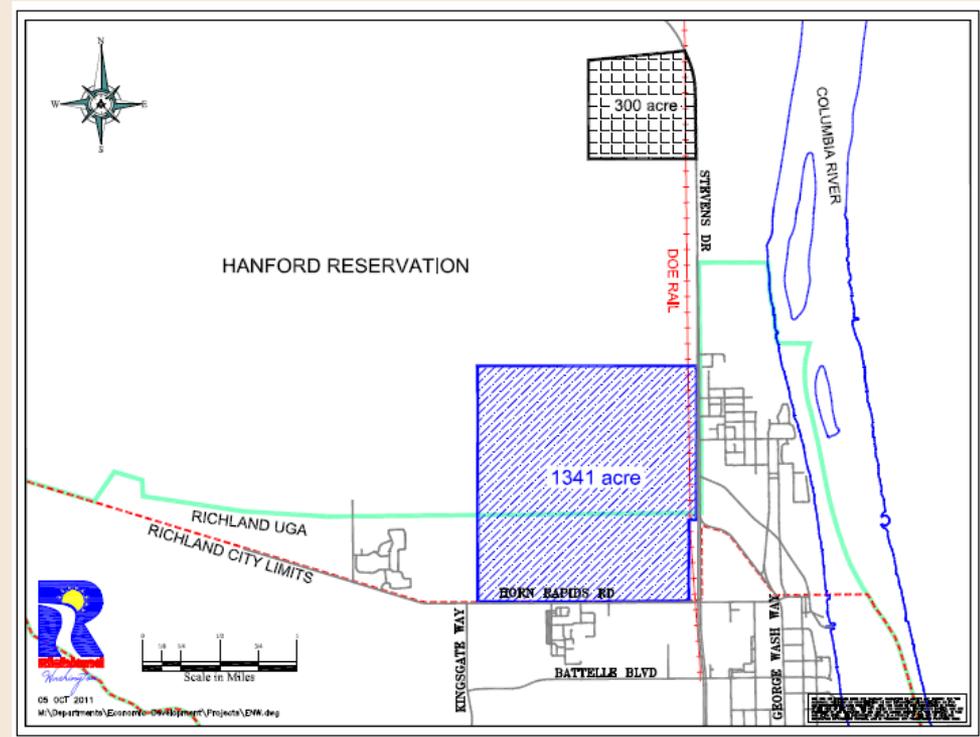


- Provide information about the draft Environmental Assessment (EA)
- Provide a forum to give input on the draft EA
- Provide information on other ways to submit your input

Background



- May 31, 2011, Tri-City Development Council (TRIDEC), the Hanford Site Community Reuse Organization, requested transfer of 1,341 acres for economic development purposes
- October 13, 2011, TRIDEC amended original request to include 300 acres previously requested by Energy Northwest for solar development lease
- TRIDEC plans to transfer ownership to private entity or to a public agency partner (e.g., City of Richland)
- Probable development would include warehousing and distribution; research and development; technology manufacturing; food processing and agriculture; “back office” (i.e. business services), and energy (solar, biofuels)



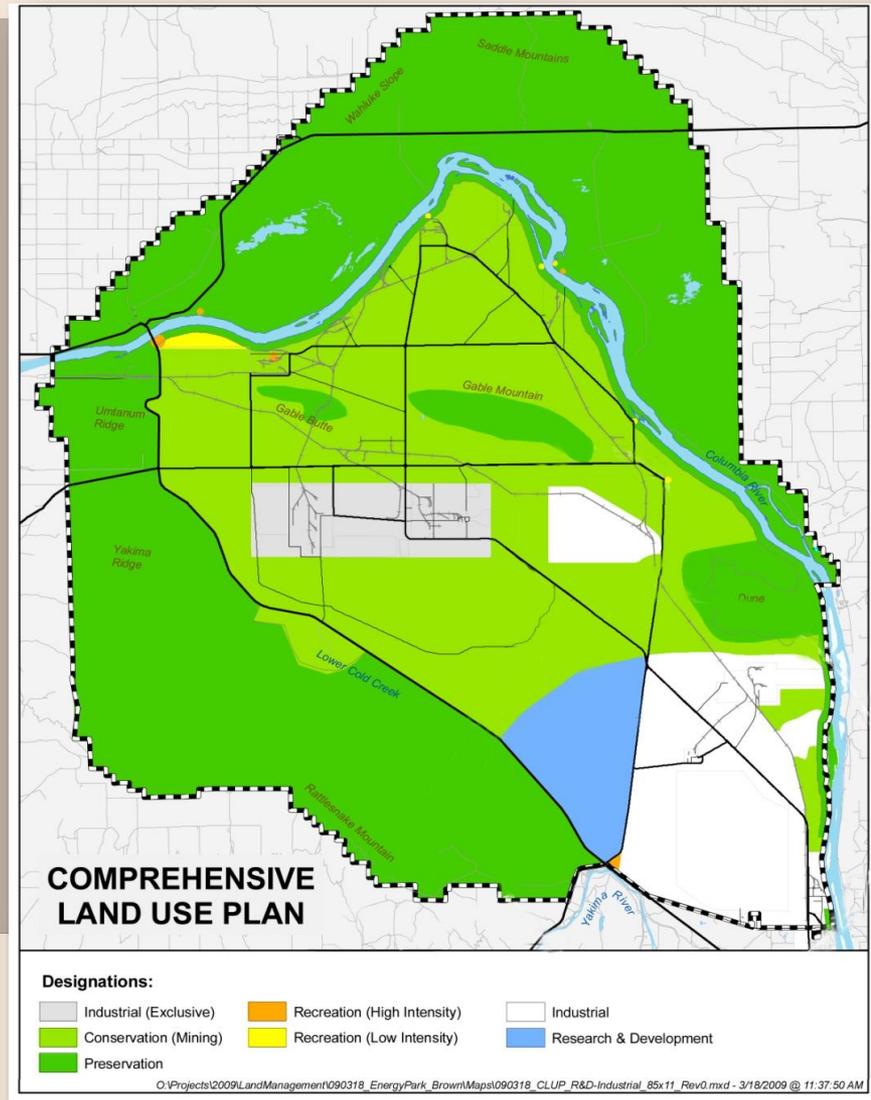
Not to Scale

TRIDEC, October 2011, amended request

Background – DOE Comprehensive Land Use Plan (CLUP) Designations



- The requested lands are designated for industrial uses under the CLUP
- Industrial use zones are intended to support economic development
- CLUP does not include site-specific environmental consequences analyses for transfer of any particular parcels of land



Analyses Conducted Simultaneously with EA Development



- **National Historic Preservation Act (NHPA)**
 - Identify Historic Properties via literature review, field surveys, and during discussions with consulting parties and tribes
 - Consider effects of land conveyance on Historic Properties in consultation with consulting parties and tribes
 - Work with consulting parties and tribes on options to avoid or mitigate adverse effects
- **Comprehensive Environmental Response, Compensation and Liability Act Section 120 (h)**
 - Determine whether hazardous substances are present, status of remediation, mechanisms in place to assure ongoing protection of human health and the environment
 - Document, as needed, information/requirement in conveyance instrument
 - Environmental Protection Agency concurrence
- **DOE Order 458.1, Radiation Protection of the Public and the Environment**
 - Perform historical site assessment
 - Conduct radiological surveys and sampling
 - Evaluate results
 - Independent verification
 - Finalize clearance documents

Key EA Components and Concepts

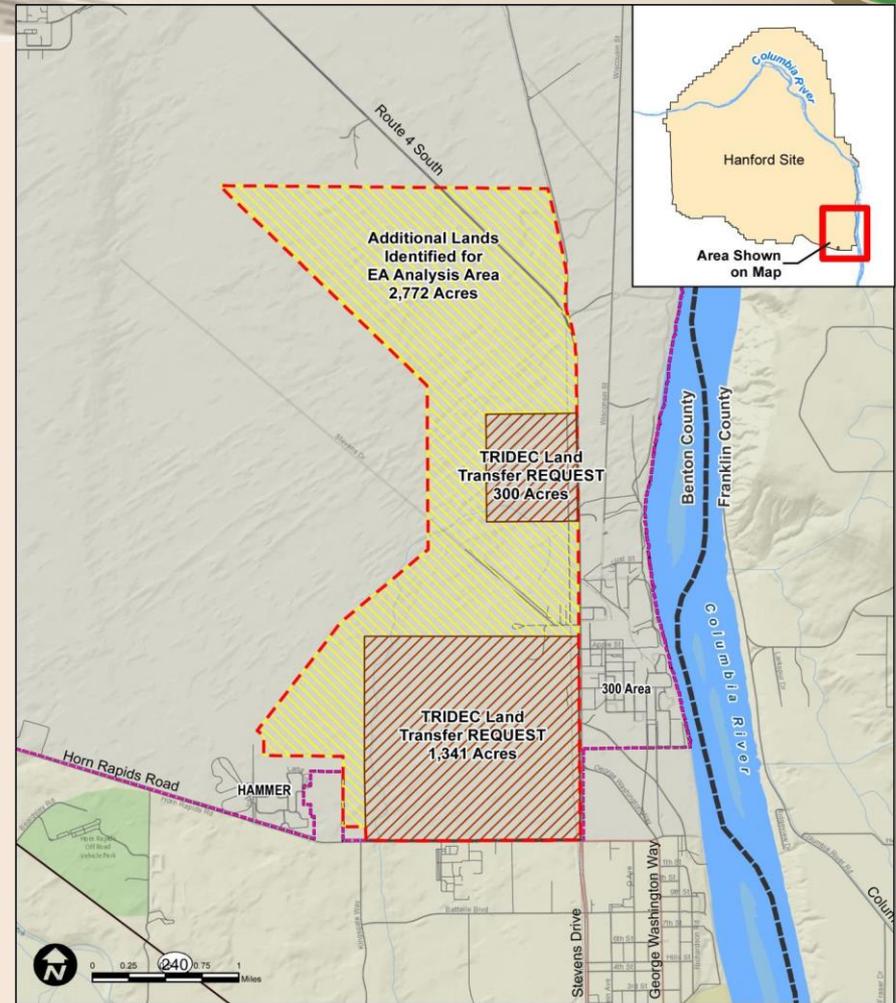


- Purpose and Need
- Project Area
- Analysis Approach
- Affected Environment and Environmental Consequences
- Technical Appendices

Purpose and Need



- Consider the TRIDEC request and evaluate potential environmental impacts associated with land conveyance for community economic development
- National Defense Authorization Act of 2015 directs DOE to transfer the requested lands or mutually agreeable parcels

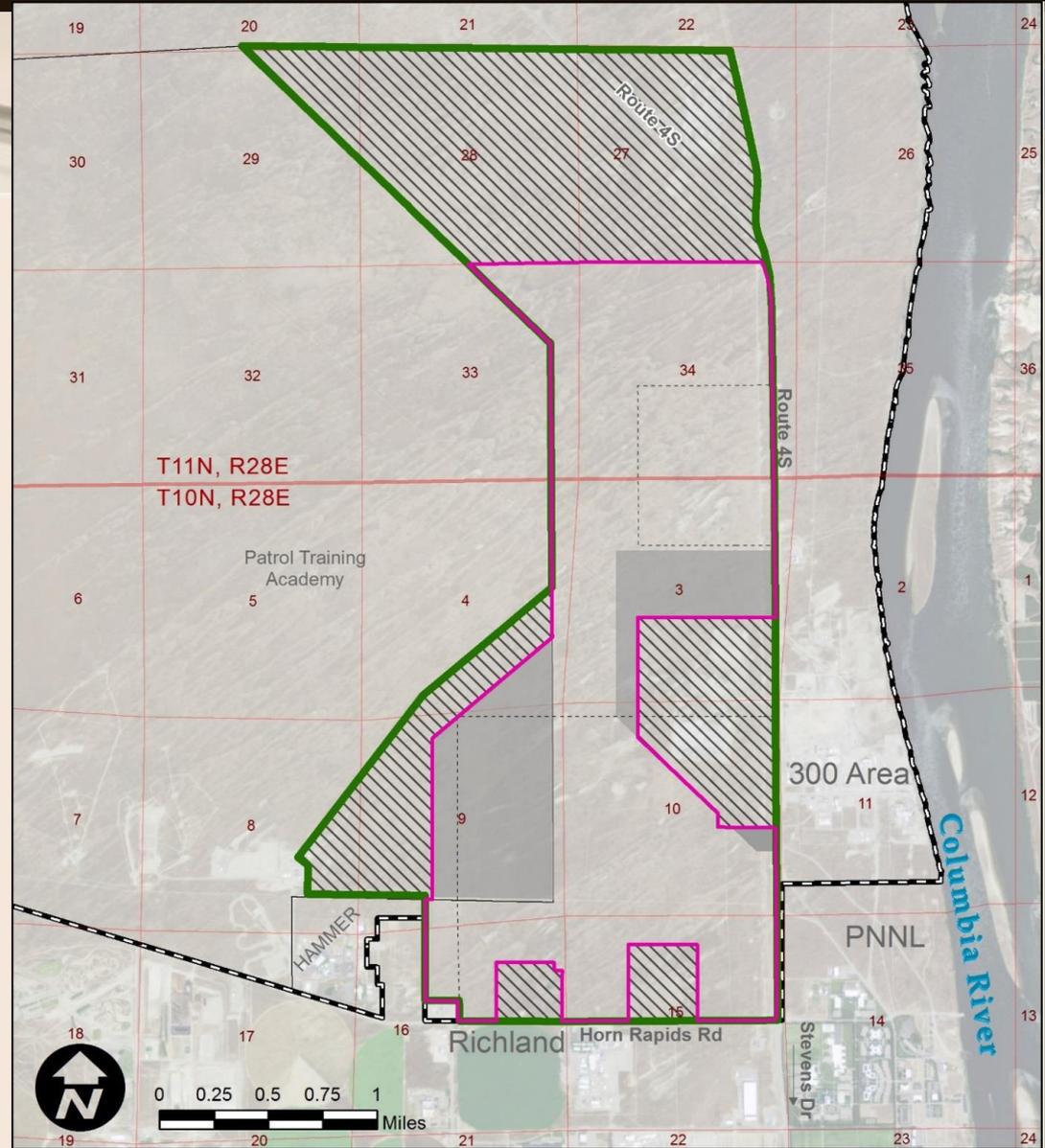


Legend

- Initial Hanford Site Land Conveyance Project Area
- TRIDEC Land Conveyance Request
- Additional Adjacent Land
- Hanford Site
- County Boundary
- River
- Highway
- Road

Project Area

- Land Suitability Review (Chapter 2, Appendix A)
- Initial Project Area 4,413 acres
- Focused Study Area 2,474 acres; 1,935 acres potentially suitable for transfer; 539 acres potentially suitable for utility easements (Potential Access Agreement Land)



Legend

- Project Area – 4,413 acres
- Focused Study Area – 2,474 acres
- Land Not Suitable For Conveyance
- TRIDEC Land Request – 1,641 acres
- Potential Access Agreement Land – 539 acres
- Hanford Site

Analysis Approach



- Representative example industry facilities and characteristics (footprint, utilities, number of employees, etc.) were identified, based on TRIDEC request
- Environmental consequence analyses assumed that 1,641 acres would be fully developed by representative facilities
- Assumptions are presented in Chapters 2, 3, and Appendix E
- Assumptions include that future development and land use activities would be subject to any deed restrictions and all applicable federal, state, and local laws, regulations, ordinances, and local land use plans

Affected Environment and Environmental Consequences - Resources Considered



- Geology
- Water
- Air Quality
- Ecological
- Wetlands and Floodplains
- Cultural
- Land Use
- Visual

- Noise, Vibration and Electromagnetic Fields
- Utilities and Infrastructure
- Transportation
- Waste Management
- Socioeconomics and Environmental Justice
- Human Health and Safety

Analyses Results



- Chapters 3 and 4 provide description of anticipated environmental consequences and cumulative impacts that could occur from land conveyance and subsequent development
- Potential mitigation measures that could be taken by future landowners are identified for several of the resource categories
- Potential mitigation measures that could be taken by DOE are identified for ecological and cultural resources and for noise, vibration and electromagnetic frequency concerns.
- Mitigation measures may also be identified through the NHPA and CERCLA processes

Technical Appendices



- Hanford Site Land Suitability Review
- Acoustic Noise, Vibration, and Electromagnetic Fields from Construction and Operation Representative Facilities
- Radiological Accidents
- Tribal Studies Executive Summaries
- Wildlife Survey
- Vegetation Survey
- Air Emissions Estimates

How to Provide Your Input on the Draft EA



- Comments due by August 12, 2015
- Give verbal comments during this meeting
- Turn in written comments on forms available at welcome table
- Submit written comments by email landconveyanceEA@rl.gov or mail:

NEPA Document Manager

U.S. Department of Energy

P.O. Box 550, MSIN A2-15

Richland, WA 99352

- DOE will consider all comments received by the end of the comment period
- Add your name to the EA mailing list at the welcome table
- For EA updates, visit <http://www.hanford.gov/page.cfm/EnvironmentalAssessments>



Questions?



Public Comment
