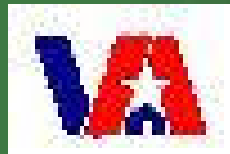


Beyond Petroleum Strategic Land Reuse



bp

Dave Kalet
Team Leader – US Refining Remediation
Group Environmental Management



Current Operating Statistics

- Largest supplier of oil and natural gas in US
- 43,000 US employees
- \$41 billion in fixed assets in US
- \$4+ billion Capital Spending in US this year
- 15,000 retail stations in the US
- Chemicals



' What we stand for

- We want our company to be distinctive, competitive and progressive at all times.
- We will build relationships on the basis of mutual advantage – alive to the needs of all those whom we do business, and the needs of each community in which we operate.

Lord John Browne
bp, CEO



Beyond Petroleum – Land Reuse

- Challenge the status quo - what if?
- View site as an opportunity
- Form working relationships
 - City, Developer and Regulatory Agencies
- Build upon common objectives
- Encourage and support dialogue



Create the vision – Guides reuse and clean up



Wood River, Illinois

Create the vision – **Validate with market research**



Paulsboro, New Jersey

Create the vision – Engage stakeholders



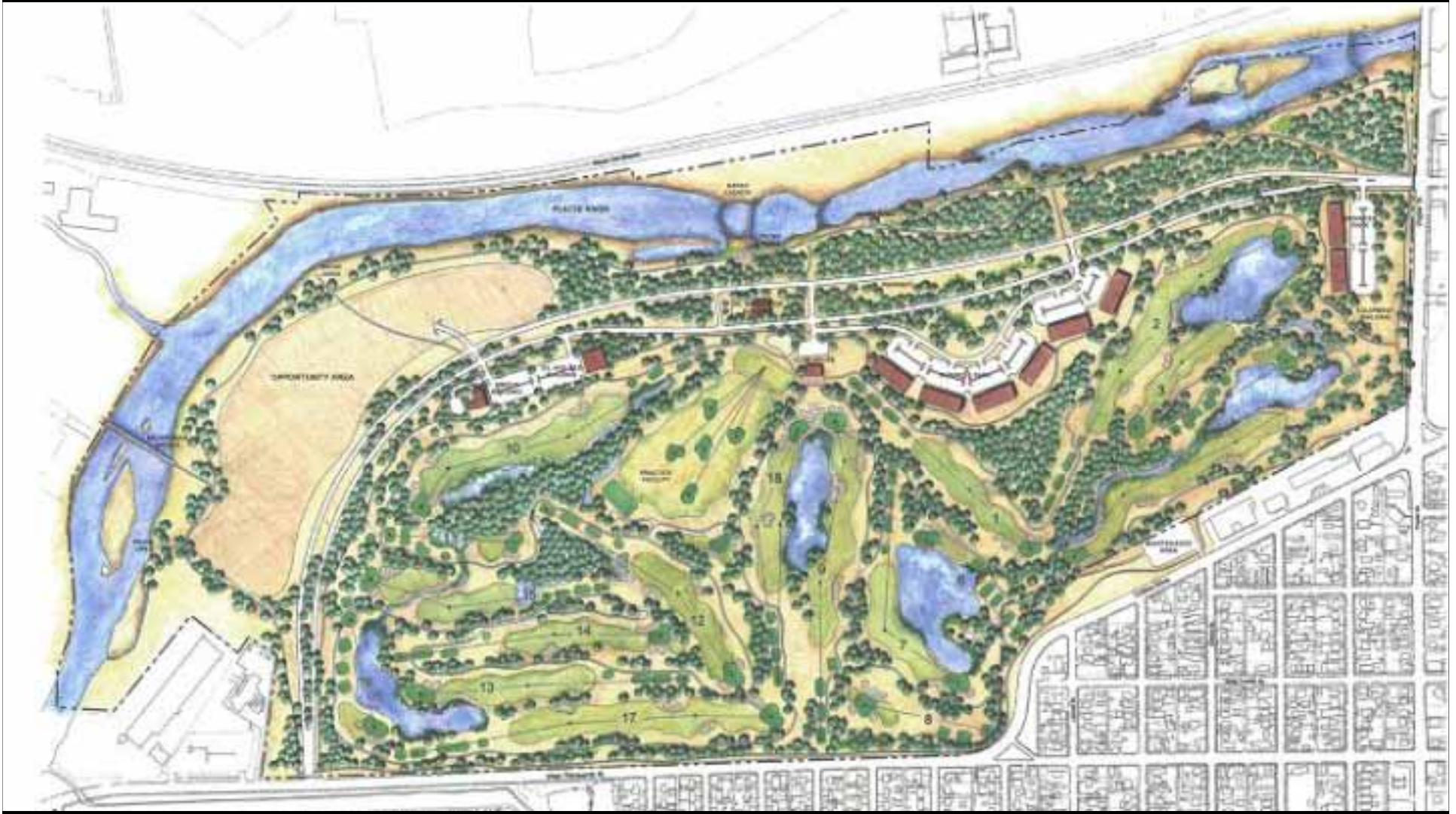
Hammond, Indiana

Create the vision – **Forum for idea exchange**



Sugar Creek, Missouri

Create the vision – Sets the stage for common solutions



Casper, Wyoming

Set realistic timing expectations



- **PHASING DIAGRAM:** prioritizes investigation and cleanup based on redevelopment demand and resource constraints



Practical Innovation

- **Use market research techniques to project future uses**
- **Use established and disciplined risk based cleanup protocols**
- **Break up work into manageable parcels**
(example: Pennsylvania Multi-Site Agreement)
- **Use protective and enforceable institutional controls**
- **Think out of the box with innovative construction and cleanup solutions**



Practical Innovation

Cogeneration Redevelopment or Site Cap?



Practical Innovation

Greenspace or Phytoremediation?



Wetlands



Prairie

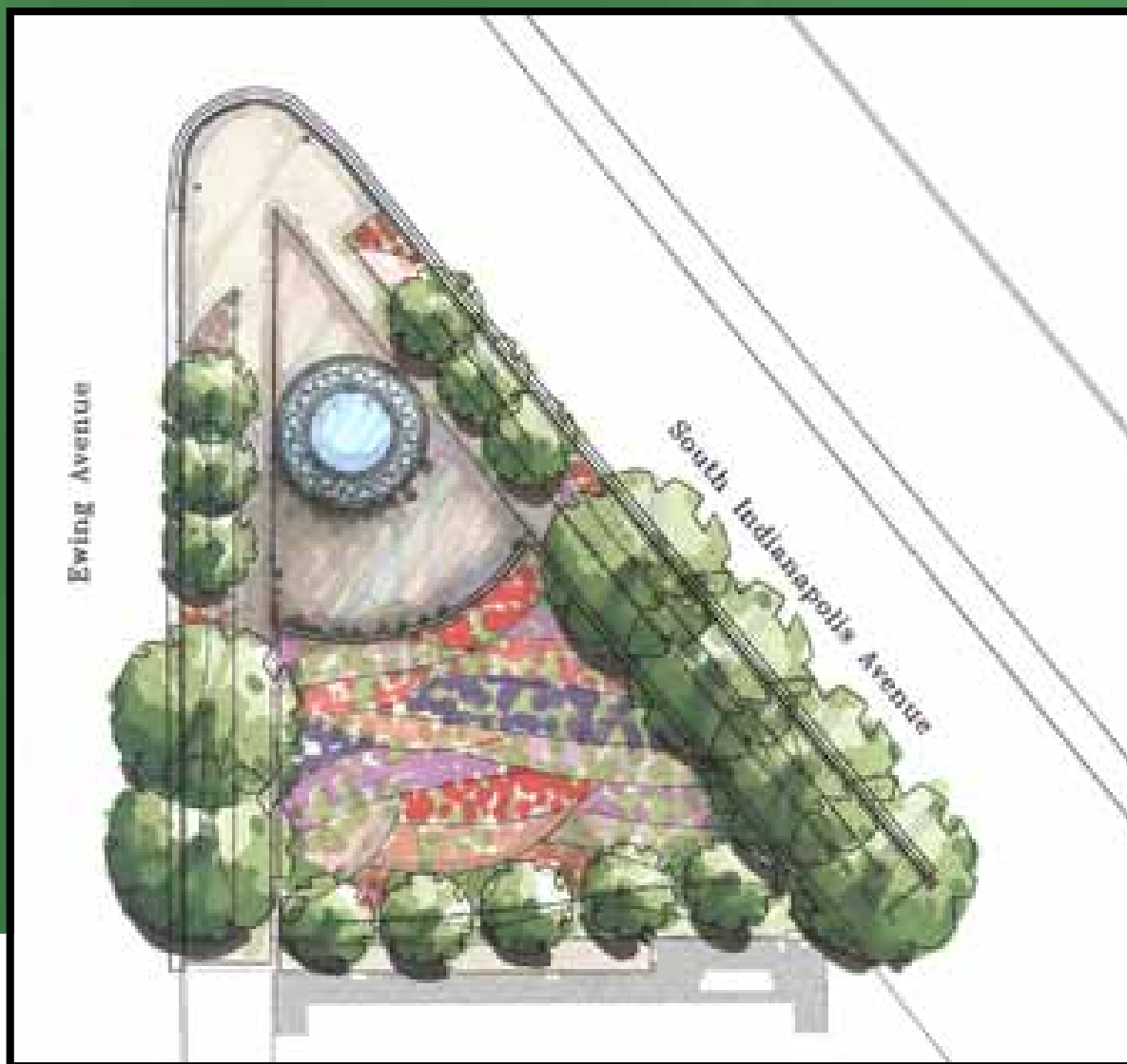


Landscaped Planters



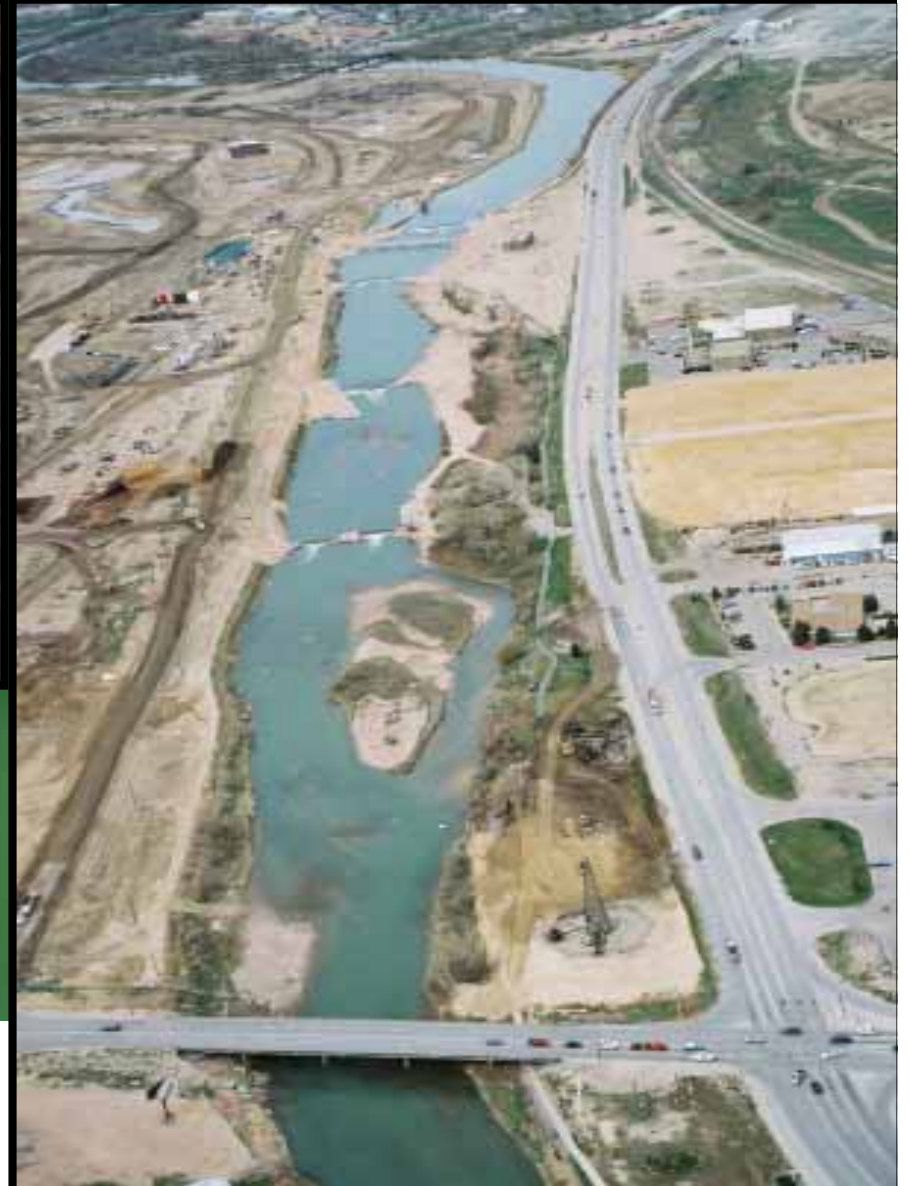
Practical Innovation

Recreational Pocket Park or Engineered Cap with Phytoremediation?



Practical Innovation

Kayak Course or Hydraulic Gradient Control?



Practical Innovation

Golf Course or Cap with Phytoremediation?



Practical Innovation

Solar Energy Farm or Landfill Cap?



Practical Innovation

Educational Learning Center or Reclaimed Land?



Accomplishments

- **National RCRA Brownfield Pilot**
- **Environmental Indicators**
- **Wildlife Habitat Council Certification**
- **ISO 14001 Management System Certification**
- **Leadership award by USEPA**



LESSONS LEARNED

- **Involve leaders**
- **Build trust with dialogue**
- **Create common vision and objectives**
- **Streamlined, result-based clean ups**
- **Commit to action**



Can a company complete cleanup while supporting Brownfield redevelopment?



We Think So