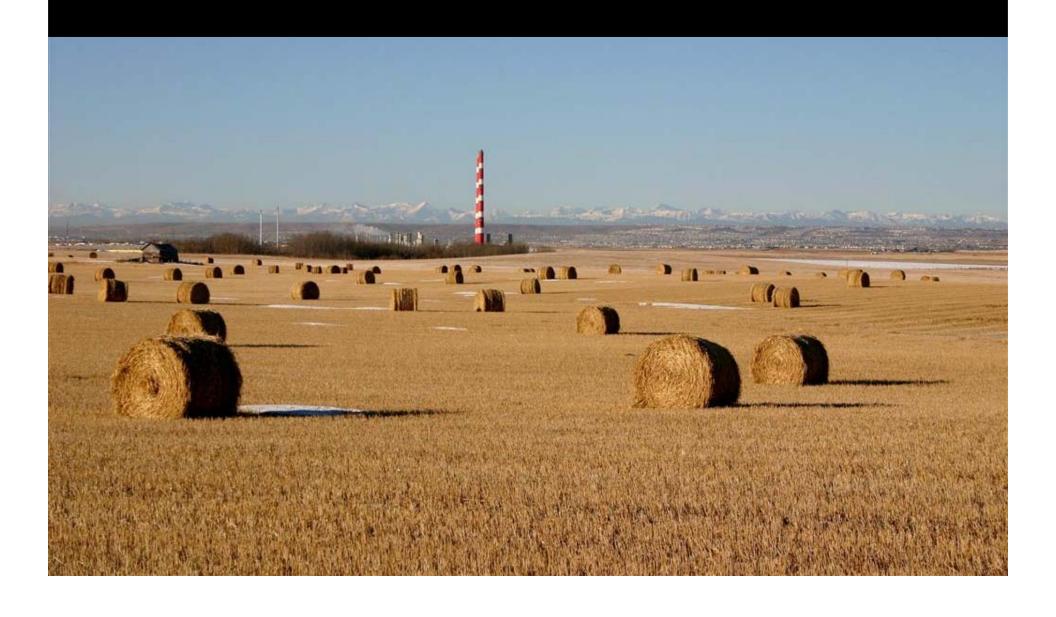
From Turnaround to Teardown

The Balzac Gas Plant







Plant History

- 1961 Plant startup Petrogas Processing (28 owners) Jefferson Lake Petrochemicals
- 1965 Liquefied Petroleum Gas (LPG) unit added
- 1967 Additional Gas Treating and Sulphur Recovery added
- 1974 Inlet Compression (250 mmscfd raw gas capacity) added
- 1975 Sulphreen Unit added to meet regulatory requirements
- 1987 Areas Decommissioned South Treating Train, West Sulphur Plant (125 mmscfd)
- 2001 2002 Addition of Balzac Power Plant
- 2003 2004 Slating to Prilling of solid sulphur.
- 2007 2008 Two stage compression, Major Sulphur Plant work
- 2009 South Sulphur Plant Mothballing, Parkway Drilling
- 2011 Plant Closure, Shutdown and Decommissioning Begin



Plant History

Balzac Gas Plant (1961)



Balzac Gas Plant (2011)





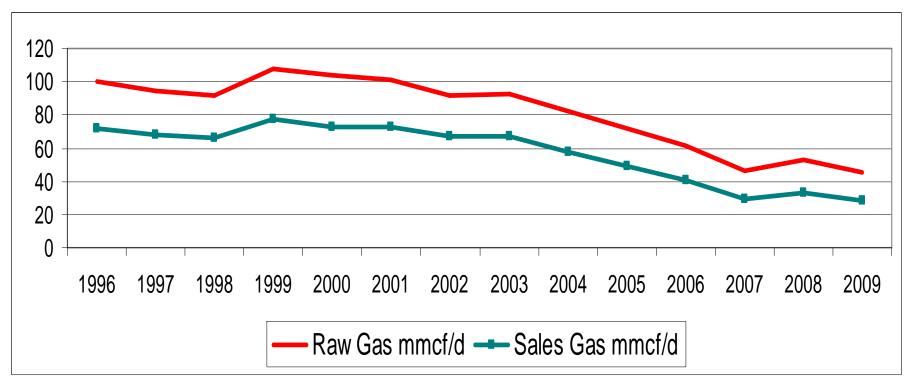
Area Map





Plant Production

- Plant has processed 2.4 TCF of raw gas since start-up 50 years ago
- Inlet volumes peaked in 1977 at 325 mmcfd and had declined to to 44 mmcfd





Balzac Gas Plant Abandonment & Reclamation Program

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 Ending the legacy of the Balzac Gas Plant in a responsible, safe and costeffective manner

Broad Scope

 Shutdown, Decommissioning, Demolition, Rerouting Projects, Base Pad Sale

Long Time Horizon

 Additional Environmental Assessments will not begin at plant until 2013, remediation to follow

Complex Regulatory Nature

 Need to coordinate and liaise with multiple regulators

Complex Operational Nature

 Diverse activities on Balzac site and complex history to manage



Stakeholder Complexity

- Area Residents
- Land-Owners
- Developers
- Adjacent Industry (agriculture, power stations, industrial parks, etc.)
- Regulators
- Utilities
- Contractors (present & future)
- NGOs
- Area Sulphur Producers







Partner Alignment

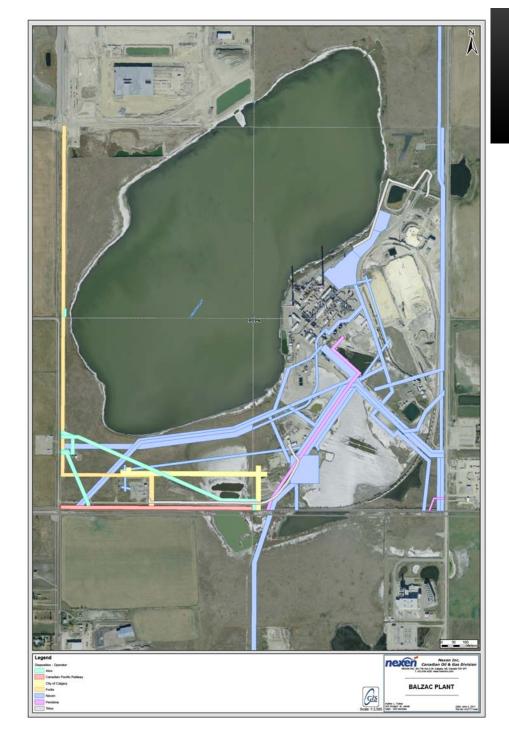
- Nexen is the operator and represents a number of partners
 - Nexen owns <50%
 - There are 13 working interest owners, including Nexen
 - 5 areas sharing various ownership
- Increased complexity associated with decision making (need for mail ballots, the influence of multiple corporate cultures)



Regulatory Complexity

- ERCB
- Alberta Environment
- City of Calgary
- County of Rockyview
- Alberta Infrastructure
- Transport Canada
- Alberta Health Region







ROW Conflicts

- Multiple ownership stakes involved BGS, BPS, pipeline units, third party piping & utilities
- Requires the severing and/or rerouting of some infrastructure
- Requires the renegotiation and approval of several agreements
- Impacts timing, potential land use and options available for project execution

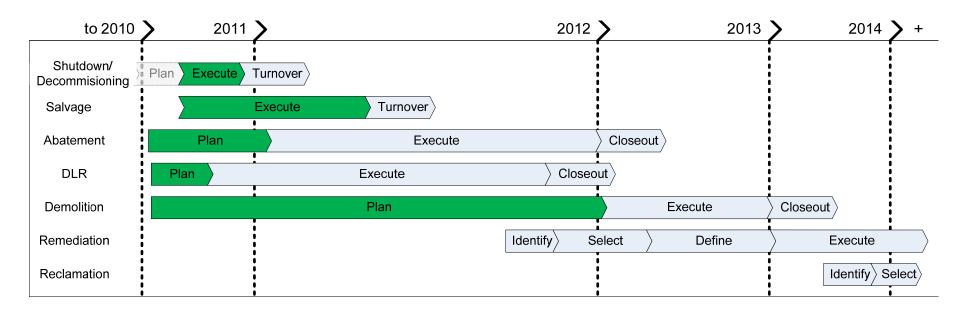


Program Strategy

- Detailed Planning
- Shutdown / Decommissioning
- Decommissioning and Land Reclamation Amendment
- Asbestos Abatement
- Demolition Program
- Environmental Assessment
- Remediation / Reclamation



Program Timeline



Represents Current Stage in Program



PROJECT SCOPE

Shutdown

- Shut in raw feeds and product outputs to / from plant
- Isolating, depressurizing, draining, cleaning and opening process systems

Decommissioning

- Isolation from all sources (gas, power, water, etc.)
- Catalog and selective removal of hazardous wastes
- Protecting equipment for salvage
- Bring all systems to zero energy state



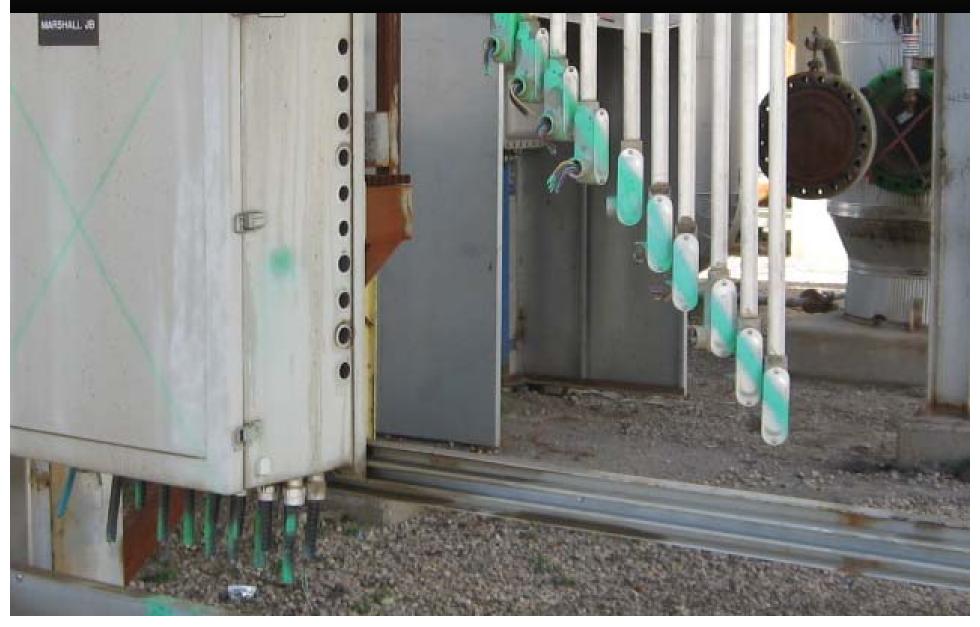


















Shutdown and Decommissioning

Equipment Salvage

- Salvage coordinator at the Balzac Gas Plant coordinating sale of equipment
- Very little interest in most items where there was perceived value
- To date, only major transaction is for the sale of LPG Bullets





Decommissioning and Land Reclamation Plan

DETAILS

- •Our existing approval requires an amendment application to be submitted to Alberta Environment no later than 6 months following plant closure
- Ongoing regulatory engagement critical to timely receipt
- •Full-Scale demolition activities restricted until approval amendment is approved
- Nexen is working with Alberta
 Environment to separate demolition
 from the remediation and reclamation
 activities





Asbestos Abatement Program

PROJECT SCOPE

- Abatement of all Asbestos and Synthetic Vitreous Fiber Insulation
 - •Estimated 5000 m³ of Asbestos waste
 - •Out of scope: internals of process equipment, towers or any other portion of the facility that requires demolition for access
- Transportation of materials to an approved landfill facility
- 3rd Party Environmental Contractor to monitor exposure, site waste management and work practices

Expected Start Date: 2013





Asbestos Abatement Program

MAJOR CONTRACT DEVELOPMENT

- Selected 3rd Party Environmental Consultants to complete survey of hazardous materials / insulation in plant and develop job specification
- Plot plans provided to ensure Contractor will be aware of what utilities are available and where they are located on site
- Comprehensive Lump Sum
 - Contractor Temporary Facilities
 - Asbestos Removal
 - Hazardous Waste Management
 - Transportation to Landfill



Plant Demolition

PROJECT SCOPE

- Structural removal of all buildings, vessels, piping, equipment, etc.
- Removal of any remaining HazMat
- Scrap Metal Recycling
- Proper disposal of waste materials
- Out of Scope: Foundations, Buried Pipe and Vessels, Power Station Equipment



Expected Start Date: 2013



Plant Remediation and Reclamation

PROJECT SCOPE

- A Detailed site assessment will be completed following the demolition of the gas plant
 - Characterize known waste streams
 - Develop efficient waste strategy
- Potential to combine contaminated soil volumes from field
- •Pre-Shutdown remediation activities will be aligned with an overall site remediation and waste management strategy





Plant Remediation and Reclamation

Sulphur & sulphates

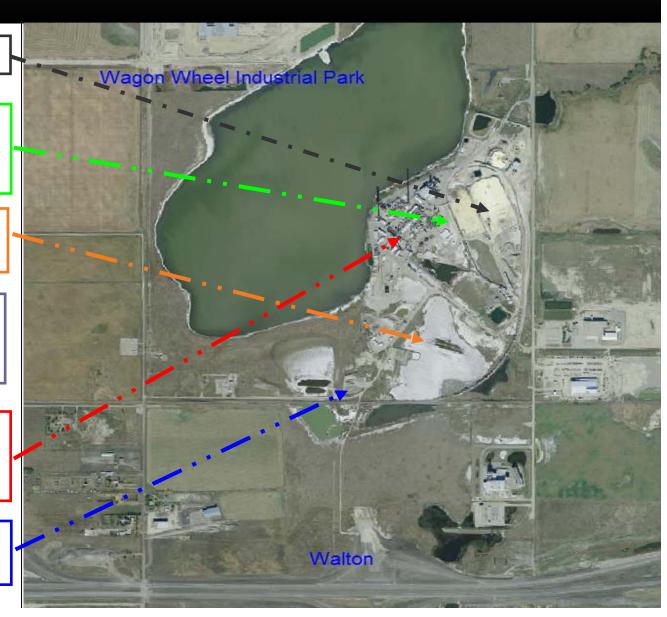
Acidification, soluble metals and salts in groundwater

Salts from produced water & fluids

Heavy metals (catalysts)?
Asbestos? Glycol?
Amines? PCBs?

Hydrocarbons (condensate, lean oil, engine oil, solvents)

Landfill with construction & operating wastes





Plant Remediation and Reclamation

SULPHUR BASEPAD REMOVAL

Estimated 90,000 tonnes of marketable off-spec sulphur

Off-Spec material to be bagged

Higher purity material (99%+) to be bagged or sent for re-melt

Goal: To Minimize Volumes that have to be sent to landfill





Balzac Gas Plant Next Steps

- Completion of Decommissioning and project handover
- Tender Evaluation and Award for Abatement Program
- Continued Scope Development for Demolition Program