

NORTH SHORE

Environmental Consultants

Orphan Well Association

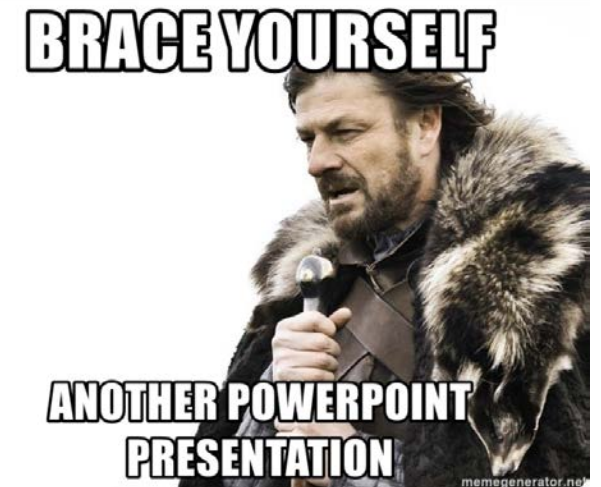
SiteView Implementation, Data Management
and ARO

SiteView[®]

Construction, Reclamation, Pipeline, Facilities & Water Data Management

Introduction

- Overview & Project Scope
- Data Challenges
- Workflow
- SiteView Setup
- OWA Specific Requirements
- Data Sharing
- Questions



Recent History

<i>Inventory</i>			
Year	Wells (ABD)	PL Segs (ABD)	Sites (Rec)
2015	705	730	451
2019/2020	2,538	3,447	3,566

<i>Work Completed</i>				
Year	Wells (ABD)	PL Segs (ABD)	Rec Certs	Expenses
2015	43	18	36	\$17MM
2019/2020	982	>1000	146	\$122MM

Recent History

- 2017 - \$235MM Provincial - Staged
- 2020 - \$100MM Provincial
- 2020 - \$200MM Federal
- All loans are repayable

Project Scope

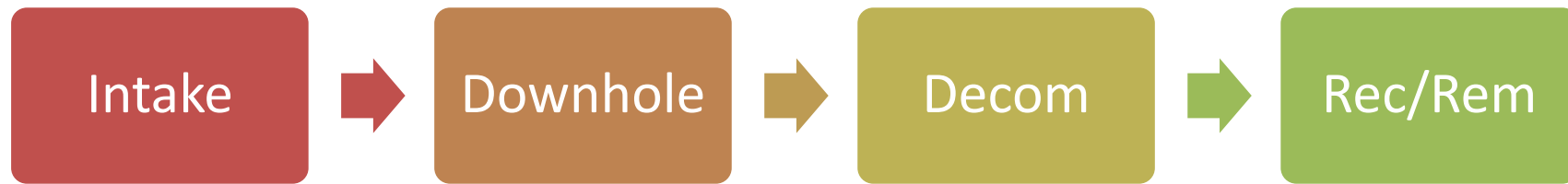
Only company in world using for Intake, Abandonment, Decom and Reclamation.

- Historical data review
- Requirements gathering
- Workflow and process coordination/development
- SiteView configuration
- Data conversion, mapping, and migration
- QA/QC of converted and migrated data
- Report development
- Security setup
- User acceptance testing
- Training and rollout

Data Challenges

- Access Database (7500+ wells, 500+ facilities, 6600+ PL segments)
- Volume, Relationships/Structure, Consistency
- Conversions
- Individual Asset Tracking
- Spreadsheets

Workflow



ORPHAN WELL ASSOCIATION – WORKFLOW DIAGRAM – ALL GROUPS



Naming Convention


- Single well – **09-10-086-17W4 (100).**
- Single well directional drill – **09-10-086-17W4 (100/08-10)**
- Multiwell – **09-10-086-17W4 (Multi)**
- Facility – e.g. **09-10-086-17W4 (Facility)**
- Spills – e.g. **09-10-086-17W4 (Spill)**
- Pipelines – e.g. **12345-4 (PL)**

Why SiteView?

- Project Management
- Group by Program Elements
- Configurable
- Security - Access
- Streamlined Workflows
- Organize by Multiple Parameters
- Automated Reporting



SiteView - Cloud



Sign In

Username / Email

Password

[Forgot password?](#) [Log in with SSO](#)

Sign In

Site and Vendor Assignment

peloton Orphan Well

Peloton SiteView

File | Open... | Edit Data... | Audit... | Other | Add-ins | Help

Sites | Multi Reports | Integrity | Map

Basic

Group By

Status

- <not entered>
- Closed
- Decommissioning
- Environment
 - <not entered>
 - Allison Wolfe
 - <not entered>
 - Bowron Environmental Group Ltd.
 - Earthmaster Environmental Strategies Inc.
 - Equilibrium Environmental Inc.
 - Jorgensen Land Management Ltd.
 - Lawson Environmental Management Ltd.
 - Matrix Solutions Inc./Trace Associates Inc.
 - North Shore Environmental Consultants Inc.
 - Parsons
 - Parsons/Jorgensen Land Management Ltd.
 - Parsons/Terrene Environmental Consulting Ltd.
 - Secure Energy
 - Terrene Environmental Consulting Ltd.
 - Tervita
 - Vertex Resource Group Ltd.
 - Curtis Morgan
 - Darren Stokes
 - Samantha Price
 - Wanda Sakura
- Turnover/Intake

Search entire list

Licensee	
QUESTFIRE ENERGY CORP	13-15-047-08
REDWATER ENERGY CORP	02-32-054-17
CORINTHIAN OIL CORP	12-22-026-05
LEXIN RESOURCES LTD	05-08-021-27
CANADIAN OIL & GAS INTERNAT...	15-28-061-03
WINTER PETROLEUM LTD	10-27-111-02
SCOLLARD ENERGY LTD	06-14-050-08
MIDLAKE OIL & GAS LIMITED	03-30-029-07
SUNRISE ENERGY LTD	05-21-011-05
SEKUR ENERGY MANAGEMENT ...	15-24-034-10
SEQUOIA RESOURCES CORP	07-20-063-25
LEXIN RESOURCES LTD	04-01-017-23
WINTER PETROLEUM LTD	08-32-110-03
SEQUOIA RESOURCES CORP	13-36-050-17
VERITY ENERGY LTD	14-11-017-21
ANTERRA ENERGY INC	06-18-022-25
CORINTHIAN OIL CORP	01-05-029-05
SUNRISE ENERGY LTD	16-18-011-04
MIDLAKE OIL & GAS LIMITED	07-36-029-05
LEXIN RESOURCES LTD	03-12-016-21
LEXIN RESOURCES LTD	13-17-020-26
WOODTHORPE PETROLEUM LTD	11-10-098-07

Site and Vendor Assignment

peloton Orphan Well

Peloton SiteView

File | Open... | Edit Data... | Audit... | Other | Add-ins | Help

Sites | Multi Reports | Integrity | Map

Basic

Group By

Status

- <not entered>
- Closed
- Decommissioning
- Environment
 - <not entered>
 - Allison Wolfe
 - Access Issues/Hold
 - AER Notification Req.
 - DSA
 - Hold
 - Phase I ESA
 - Phase II ESA Initial
 - Phase II ESA Supplemental
 - Ready to Apply
 - Rec Cert Submitted
 - Reclamation
 - Remediation
 - Risk Management/Monitoring
 - Site Overlap
 - SSRA/Guideline Development
 - Vegetation Monitoring
 - Curtis Morgan
 - Darren Stokes
 - Samantha Price
 - Wanda Sakura
- Turnover/Intake

Search entire list

Licensee	
LEXIN RESOURCES LTD	04-01
LEXIN RESOURCES LTD	13-17
LEXIN RESOURCES LTD	04-24
LEXIN RESOURCES LTD	09-21
CANADIAN COYOTE ENERGY LTD	11-11
LEXIN RESOURCES LTD	06-18
LEXIN RESOURCES LTD	03-34
CANADIAN COYOTE ENERGY LTD	08-36
LEXIN RESOURCES LTD	11-31
CANADIAN OIL & GAS INTERNAT...	01-31
MANITOK ENERGY INC	04-03
LEXIN RESOURCES LTD	03-28
LEXIN RESOURCES LTD	15-15
LEXIN RESOURCES LTD	10-18
LGX OIL + GAS INC	06-23
CANADIAN OIL & GAS INTERNAT...	09-03
LEXIN RESOURCES LTD	09-32
CANADIAN IMPERIAL VENTURE ...	13-22
MANITOK ENERGY INC	13-31
LEXIN RESOURCES LTD	08-28
E E C L RESOURCES LTD	02-35
LEXIN RESOURCES LTD	03-26
LGX OIL + GAS INC	06-02
PETRO VIKING MANAGEMENT C...	10-02
SCOLLARD ENERGY LTD	11-34

Quick Find

Queries

155 Site(s) - 0 selected

SiteView Layout

peloton Orphan Well

Edit Data | Save and Exit | Options | Run Calcs | Return to Surface Locations | Excel Data Loader... | Help

Site 11.2/2

General information regarding a site.

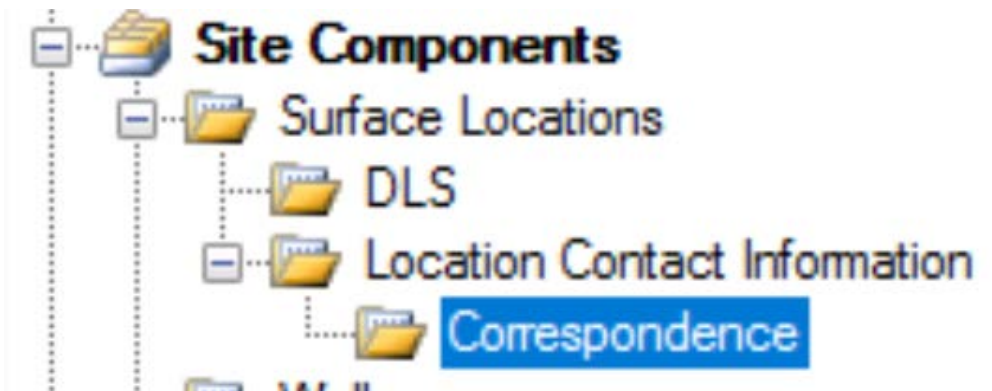
General	
Site Name	
Segment Number	1
Type	Well
Sub Type	Single
Licensee	TERRA ENERGY CORP
Program of Origin	Licensee Liability Rating
Current Project Information	
Responsible Department	Environment
Responsible Dept Date Change	
Current Project Type	Environment
Primary Status	Reclamation
Secondary Status	Completed
Pipeline Information	
From Location	
From Facility	
From Status	
From Ownership	
To Location	
To Facility	
To Status	
To Ownership	
Pipeline Riser?	No
Current Concerns	
Risk Ranking	
CSU Number	
Overlap Concern?	No
Equipment Removal Date	
Infrastructure?	
Problem Site?	<input type="checkbox"/>
Problem Description	
Contacts	

Left sidebar menu:

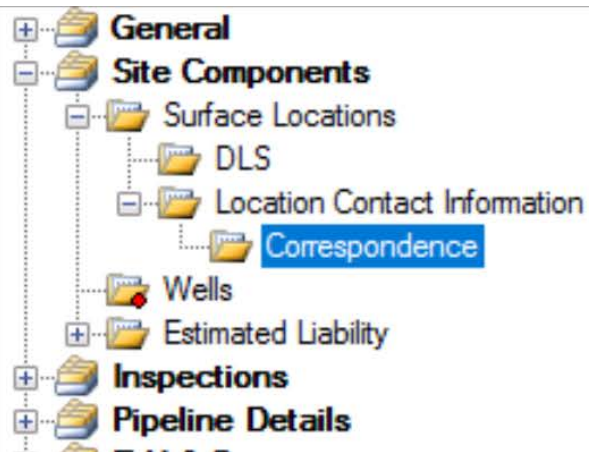
- General
 - Siteheader
 - Agreements
 - WIP Tracking
- Site Components
 - Surface Locations
 - DLS
 - Location Contact Information
 - Correspondence
 - Wells
 - Estimated Liability
- Inspections
 - Inspections
- Pipeline Details
 - Pipelines
- E H & S
 - Turnover Dates
 - EPO
 - Assessments
 - Remediation Estimate
 - Phase I Environmental Site Assess
 - Reclamation Certificate Information
- Operations
 - Jobs
- Attachments and Comments
 - Attachments
 - Comments

Surface Location and Landowner Information

- Track surface location and associated dispositions : access roads, campsites, borrow pits, TFAs and all other disposition types
- Rental Information
- Overlap Information
- Landowner Contact Information
- Correspondence



Surface Location and Landowner Information



General			
	Contacted By	Method	Date of Correspondence
	
1			
2	Aaron Batke - NSEC	Phone	4/20/2020
3	Aaron Batke - NSEC	Phone	5/5/2020
4	Aaron Batke - NSEC	Phone	6/1/2020
5	Aaron Batke - NSEC	Phone	6/4/2020
6	Aaron Batke - NSEC	Phone	6/10/2020

Landowner Information

Templates Find Zoom 100% Page 1/1 Print Refresh Excel Design

Summary Reports

- Attachment Summary
- Estimated Liability - ABD Check SV
- Estimated Liability - All (non-templated)
- Landowner Information
- Landowner Information and Lat Longs**
- New Vendor Required Report - Field Cost
- New Vendor Required Report - Personnel
- Site Summary Report
- Turnover dates
- Well List
- Costs By Job (AFE Record must be Present)
- Costs by Activity Date Filter
- Operations
- Weekly Reports
- Inventory Reports - Website
- Quarterly Reports
- GOA Well_Facility_PL Details
- Reference
- Facility
- Environment
- Costs
- Master Templates
- My Templates

SiteView

Landowner Information and Lat Longs

Site Name	Primary Status	Legal Location	Name	Address1	Address2	Address3	Home Phone	Office Phone	Lat (°)	Long (°)
09-14-028-21W4 (Multi)	Multiwell - Variable	/09-14-028-21-W4/							51° 23' 51.418" N	112° 50' 31.93" W
09-14-028-21W4 (Multi)	Multiwell - Variable	/09-14-028-21-W4/							51° 23' 52.196" N	112° 50' 31.93" W
16-35-041-18W4 (100)	Reclamation	/16-35-041-18-W4/							52° 34' 36.557" N	112° 28' 50.744" W
14-05-037-21W4 (100/13-05)	Reclamation	/14-05-037-21-W4/							52° 9' 17.7" N	112° 58' 14.429" W
08-22-010-25W4 (102)	DSA	/08-22-010-25-W4/							49° 50' 12.625" N	113° 18' 4.565" W
03-13-042-18W4 (100)	Vegetation Monitoring	/03-13-042-18-W4/							52° 36' 44.985" N	112° 28' 11.903" W
11-28-018-23W4 (102)	Vegetation Monitoring	/11-28-018-23-W4/							50° 33' 4.874" N	113° 6' 37.985" W
10-02-042-23W4 (100)	Phase II ESA Initial	/10-02-042-23-W4/							52° 35' 23.243" N	113° 12' 20.544" W

Assessments Folder

- Assessment Type
- Status: Pass, Fail or Complete
- Report Submitted Date
- Report Review Date
- Summary and Recommendations



Assessments Folder

	1	2	3	4
General				
Assessment	Phase I ESA	Phase II ESA Initial	Surface Reclamation	Detailed Site Assessment
Status	Fail	Pass	Reclamation Complete	Pass
Date of Last Fieldwork			4/27/2020 12:00:00 AM	7/29/2020 12:00:00 AM
Vendor	North Shore Environmental Consultants Inc	North Shore Environmental Consultants Inc	North Shore Environmental Consultants Inc	North Shore Environmental Consultants Inc
One Stop Submission Date				
One Stop Upload #	1782590		N/A	
Report Submitted Date	3/5/2020	3/6/2020	4/27/2020	10/6/2020
Report Reviewed Date	3/12/2020 12:00:00 AM		5/1/2020 12:00:00 AM	
Summary and Recommendations	Phase 2 completed by NorthShore in 2014. Passed the Phase 2. Admixed topsoil identified.	Phase II ESA passed. Admixed topsoil identified.	Site moved through surface reclamation phase into vegetation monitoring phase, based on field observations	Results of the assessment indicate that the soils, landscape, and vegetation assessment pass the 2010 Reclamation Criteria for Wellsites and Associated Facilities for Cultivated Lands via routine application (10/06/2020, MR).

Phase I ESA Folder

		1
General		
File Review Date	<input type="text" value="..."/>	3/5/2020
Compliance Option Checklist	<input type="text" value="..."/>	Compliance Option 1
Year Drilled	<input type="text" value="..."/>	2006
Production Information	<input type="text" value="..."/>	D&A
Areas of Potential Concern		
Well Centre	<input type="text" value="..."/>	No
Flare Pit	<input type="text" value="..."/>	No
EM Anomaly	<input type="text" value="..."/>	No
Sump	<input type="text" value="..."/>	No
UST/AST	<input type="text" value="..."/>	No
Production Area	<input type="text" value="..."/>	No
Historical Spill	<input type="text" value="..."/>	No
Other	<input type="text" value="..."/>	
Comments		
Comment	<input type="text" value="..."/>	Admixed topsoil noted during site visit.

Remediation Folder

		1	2
Estimate Information			
Estimate Date	<input type="text"/>	9/1/2020	9/1/2020
Remediation Option	<input type="text"/>	Tier 1	Tier 2 (SSGD)
Estimated Cost (\$)	<input type="text"/>	340,000	65,000
Estimate Completed By	<input type="text"/>	North Shore Environmental Consultants Inc.	North Shore Environmental Consultants Inc.
Selected Option	<input type="text"/>	No	Yes
Detailed Information			
Remediation Method	<input type="text"/>	Landfill	Biopile & Landfill
Hydrocarbons	<input type="text"/>	F1-F2	F1-F2
Metals	<input type="text"/>		
Salts	<input type="text"/>		
PAHs	<input type="text"/>		
Comments	<input type="text"/>		

Reclamation Certificates

- Reclamation Certificate Application Date
- Area Reclaimed
- Full or partial reclamation
- Land Use
- # and type of trees planted
- Releases
- Forecasted year to apply
- Reclamation certificate #

General			
Vendor	...		
Reclamation Certificate Application Date	...		
One Stop Upload #	...		
Area Reclaimed (Ha)			
Full Reclamation?	<input type="checkbox"/>		
Partial Reclamation?	<input type="checkbox"/>		
Land Use Reclaimed To	...		
# of Trees Planted			
Type(s) of Tree Planted	...		
Owner/Occupant Releases	...		
Comment	...		
Rec Cert Information			
Type	...		
Forecasted Year To Apply	...		
Reclamation Certificate Received Date	...		
Inspector			
Reclamation Certificate Number			

Operational Information: Jobs and Costs

- Jobs
 - Downhole
 - Decommissioning
 - Environment
- Commitments
 - Environment Team
 - Phase I to Reclamation Certification Costs
- Activities
- Field Costs

Jobs

Site << 7 / 10 >>

Job

Environment, Phase I ESA, Complete, 8/10/2020, <wellsforjobcalc>

General
Siteheader
Agreements
WIP Tracking
Site Components
Surface Locations
DLS
Location Contact Information
Correspondence
Wells
Estimated Liability
Inspections
Inspections
Pipeline Details
Pipelines
E H & S
Turnover Dates
EPO
Assessments
Remediation Estimate
Phase I Environmental Site Assess
Reclamation Certificate Information
Operations
Jobs
Attachments and Comments
Attachments
Comments

	1	2	3	4	*
General					
Type	Downhole	Downhole	Licensed Facility Decommissioning	Environment	
Sub Type	Abandon	Cut & Cap	Decommissioning	Phase I ESA	
Primary Status		In Progress	In Progress	Complete	
Secondary Status					
Zone	2020-10	2020-10	2020-10		
Start Date				8/10/2020	
End Date				9/10/2020	
Supervisor/Engineer/Company	Environmental Liability Management I	Environmental Liability Management I	Environmental Liability Management I	Aurora Land Consulting Ltd.	
Field Supervisor/Consultant		Ian Tomalty	Ian Tomalty		
Consultant Job Number					
Summary			Includes SEQR on 142 sites, assigned in Q2 2020.	Phase I ESA assigned August 10, 2020.	
Total Expected Job Spend					
Total Expected Job Spend (Cost)		\$2,575	\$20,410		
Calculated Values					
AFE Reference Number		Not Required			
Cost Center Number					
Calculated Values + Supp					
Gross Job Active Estimate + Supp Total (Cost)					
Net Job Active Estimate + Supp Total (Cost)					
Calculated Values - Costs					
Gross Job Field Cost (Cost)		0.00	0.00		
Net Job Field Cost (Cost)		0.00	0.00		
Calculated Values - Variance					
Gross Job Variance (Cost)					



Commitments

- What is a Job Commitment?
 - Job Cost Estimates
 - Approval for next Work Scopes
 - Future Cost tracking



Commitments

	1	2	3	4
Commitments				
Commitment Date	4/1/2020	5/22/2020	4/1/2021	4/1/2022
Commitment Type	Pre-Reclamation Assessment	Surface Reclamation	DSA	Reclamation Certificate Application
Vendor	North Shore Environmental Consultants	North Shore Environmental Consultants	North Shore Environmental Consultants	North Shore Environmental Consultants
Scope of Work	Prep for site visit and complete reclamation cost estimate (04/27/2020, MR).	Site moved through surface reclamation phase into vegetation monitoring phase, based on field observations	DSA Required. (05/04/2020, MR).	RCA white zone (10/06/2020, MR).
Amount (Cost)	2,500.00	100,000.00	4,000.00	1,500.00
Related AFE				
Consultant Status	Completed	Completed	In Progress	Pending
DWA Coordinator Status	Approved	Approved	Approved	Pending
Total Field Costs Committed (Cost)	2,500.00	98,000.00	0.00	0.00
Unspent Commitment (Cost)	0.00	2,000.00	4,000.00	1,500.00
Percent Scope Complete (%)	100.0	98.0	0.0	0.0

Activity Reports

- Track ongoing Project Activity
- History of work associated with Job



Field Costs

- Costs are tracked under each Activity
- Vendors are linked to costs
- Costs get linked to Commitments



OWA-Specific Requirements

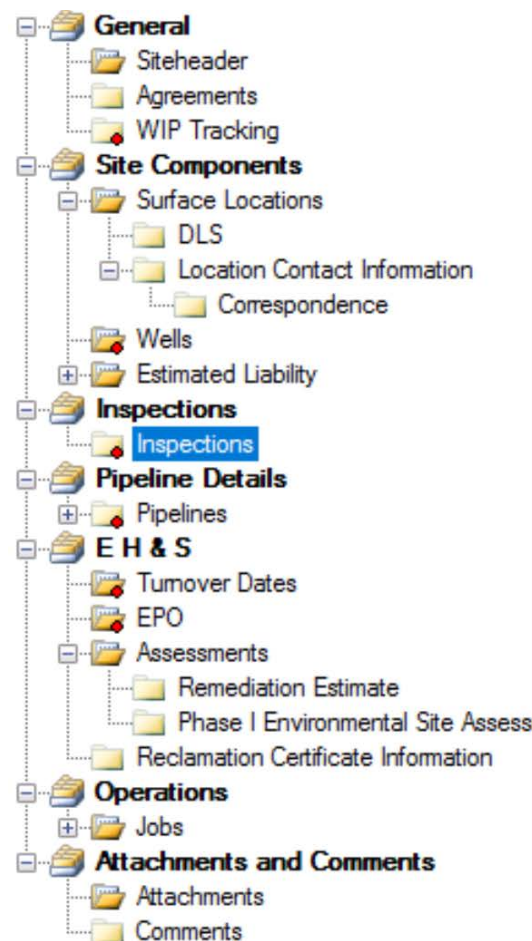


OWA-Specific Requirements

Inspections

- Observations
 - Hazards
 - Access
 - H2S
 - Signage
 - Equipment
 - Vegetation
 - Fencing
- Wellhead Pressures
 - Hazards
 - Access
 - H2S
 - Signage
 - Equipment
- Inspection Details
 - Leaks
 - Surface Casing vent Flow
 - Holes in rods
- Equipment
 - Pumpjack
 - Separator
 - Tanks
 - Risers
 - Piles

Inspections



General	
Inspection Date	...
Fluid in Tanks	...
Location Entrance Sign	...
Overhead Powerlines	...
Wellhead Fencing Secure	...
Vegetation/Weed Issues	...
Notable Odours	...
Wellhead Fencing Secure	...
Wellhead Pressures	
Related Well Component	...
SICP (kPa)	...
SITP (kPa)	...
Press Rating (kPa)	...
Inspection Details	
Wellhead Leaks	...
SCVF Properly Installed	...
SCVF Exists	...
SCVF Samples Taken	...
SCVF Samples Sent to	...
GM Exists	...
Rods in Hole	...
Equipment	
Pumpjack	...
Separator Package	...
Number of Tanks	...
Risers	...
Number of Piles	...
Comments	
Comment	...



OWA-Specific Requirements

- **Turnovers**
- Letters indicating licenses that are now the responsibility of the OWA
- Indicate abandonment, reclamation, or abandonment and reclamation
- Part of intake/inventory process

		1	2
General			
Related Orphan	...	0387141, 100/06-32-062-14w5/0	0392159, 102/06-32-062-14w5/2
Type	...	Abandonment and Reclamation Turnover	Abandonment and Reclamation Turnover
Date AER Letter	...	4/24/2020	4/24/2020
Date Accepted	...	4/24/2020	4/24/2020

OWA-Specific Requirements

- **Environmental Protection Orders**
- Issued under sections 140 and 241 of *EPEA*
- Required for the OWA to complete reclamation work

	1	2
General	EPO Issued by:	
EPO Issued by:	Kaitlin Szacki (AER)	Kaitlin Szacki (AER)
Region		
Municipality		
EPO Number	2020-029	2020-029
Related Orphan	0392159, 102/06-32-062-14w5/2	0387141, 100/06-32-062-14w5/0
Date	4/8/2020	4/8/2020

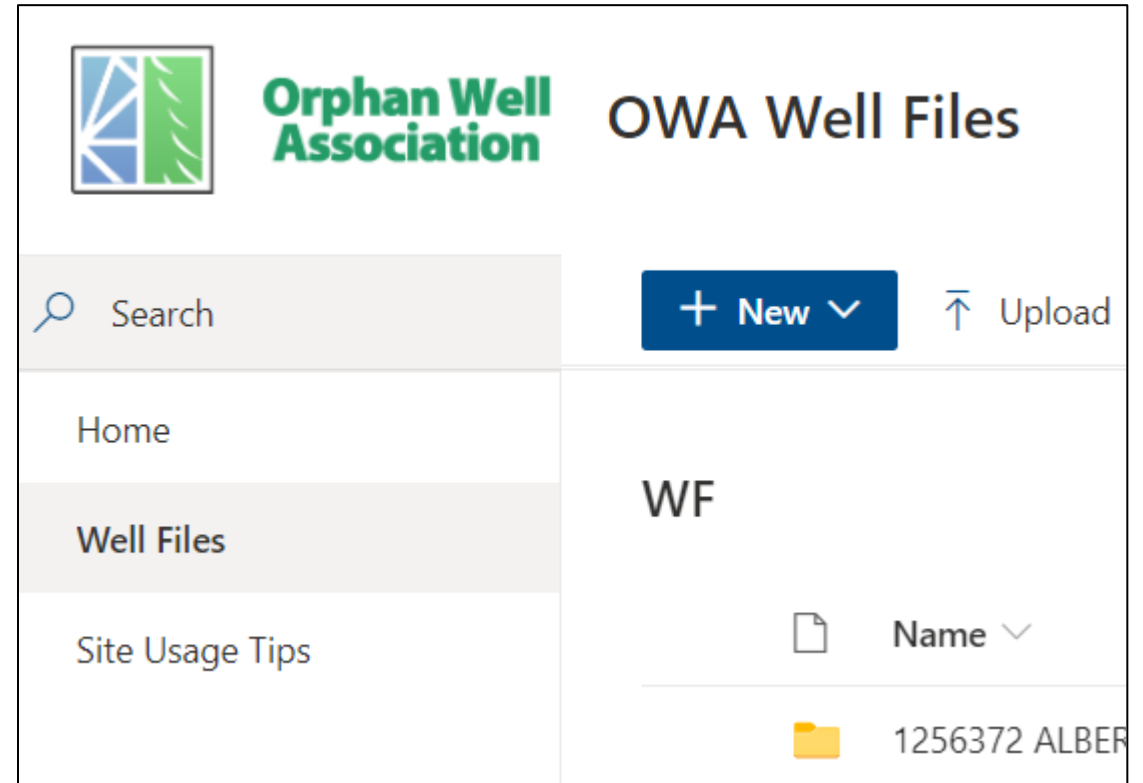
OWA-Specific Requirements

- **Estimated Liability/ARO**
- Baseline values used
- Updated as more information become available
- Provides a running total of all estimated liability within the OWA program

		1
Well Abandonment		
Well Abandonment Costs		\$64,578
Date of Well Abandonment Costs	...	4/24/2020
Facility Decom/Surface Equipment Removal		
Facility Decommissioning Costs		
Date of Facility Decommissioning Costs	...	
Surface Equipment Removal Costs		\$5,000
Date of Surface Equipment Costs	...	4/24/2020
Pipeline Decom		
Pipeline Decommissioning Costs		
Date of Pipeline Decommissioning Costs	...	
Remediation/Reclamation		
Remediation Costs		\$27,425
Date of Remediation Costs	...	4/24/2020
Reclamation Costs		\$31,285
Date of Reclamation Costs	...	4/24/2020


OWA-Specific Requirements

- **Streamlined Document Sharing**
- SharePoint
- SiteView assignment → SharePoint
- Manual processing reduced



Data Sharing - Coordinators

- **Automated Reports**
- Daily, Bi-Weekly, Monthly
- No manual processing
- Operations
- Intake
- Closures
- Movement
- Inventory

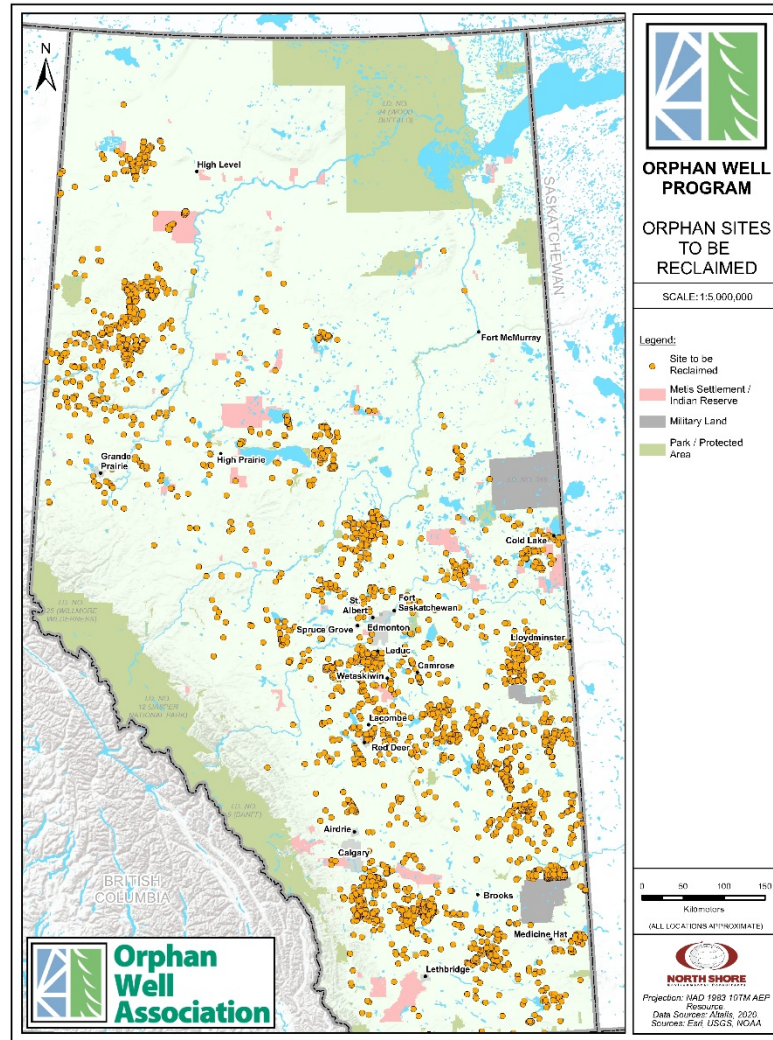
Decom - Daily Operations Report			Report for: 10/12/2020
Site Name: 53-1 (PL)			Page: 1 of 1
			
Siteheader			
Licensee RAIMOUNT ENERGY CORP	Facilities Decom Consulting Company	Pipeline Decom Consulting Company Competition Well Services	Assigned To (OWA) - Decom. Ken Choi
Responsible Department Decommissioning	Current Project Type Pipeline Decommissioning	Primary Status File Review/Program	Secondary Status
Jobs			
Type Pipeline Decommissioning	Sub Type Abandon	Primary Status Complete	Zone 2020-12
Supervisor/Engineer/Company [REDACTED]	Field Supervisor/Consultant [REDACTED]	Start Date 9/7/2020	End Date 10/12/2020
Total Expected Job Spend (Cost)	Gross Job Active Estimate + Supp. Total (Cost)	Gross Job Field Cost (Cost)	Gross Job Variance (Cost)
[REDACTED]			
[REDACTED]			
Current OWA Cost Center 214780			
Summary TO riser (10-08) lowered On Longshore Resources site. Riser at 8-17-75-10w6 still to be lowered Lic # 53476-1 08-17-75-10W6 end is cut,capped, tagged & lowered. Riser on 10-08-75-10W6 dated Sept 09/2020 is lowered			
Daily Activity Tracker			
Summary Held pre-job safety meeting with all services on location. Completed & discussed with hoe operator ground disturbance check list. Removed blank flange & checked for LEL, No LEL present. Excavated around pipeline riser. Excavated & exposed 101.6 mm pipeline 2.10 meters below surface & 50 meters from well center. Cut off 101.6 mm pipeline. Installed & tighten pipe plug. Capped & tagged pipeline stump (End) with CWS tag. Excavated & removed 10 meter of 101.6 mm pipeline from riser back to lease edge. Took pictures of tags & plug. Back filled & track packed pipe all excavations on site.. Lic # 53476-1 08-17-75-10W6 end is cut,capped, tagged & lowered. Riser on 10-08-75-10W6 dated Sept 09/2020 is lowered			
Next Planned Activity			
Reclamation			
Daily Cost Total (Cost)			
[REDACTED]			
Cumulative Daily Total (Cost)			
[REDACTED]			

Data Sharing – Board/Public/Government

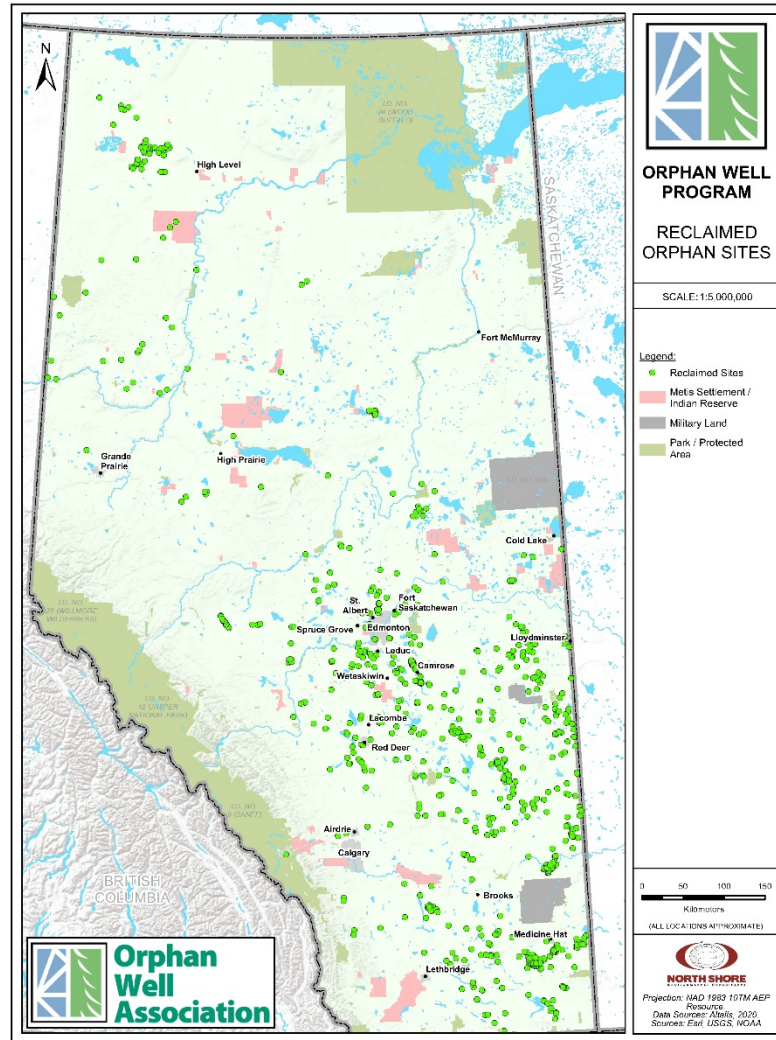
- **Automated Reports**
- Monthly, Quarterly
- Board, Public, Government
- Quarterly – More Detailed (16+)
- Data Reviews
- Turnovers, abandonments, work completed, statuses, etc.

SiteView® 1 - Wells Turned Over By Date By Licensee		
Wells Turned Over By Licensee		
Licensee	Count of Idrec (unique record Id)	
INCIPIENT EXPLORATION LTD	37	
Licensee	Count of Idrec (unique record Id)	
CHALLENGER DEVELOPMENT CORP	17	
Licensee	Count of Idrec (unique record Id)	
LAND PETROLEUM INTERNATIONAL INC.	16	
Licensee	Count of Idrec (unique record Id)	
STONEWATER RESOURCES INC.	3	
Licensee	Count of Idrec (unique record Id)	
MANITOK ENERGY INC	3	
Licensee	Count of Idrec (unique record Id)	
QUATTRO EXPLORATION AND PRODUCTION LTD	2	
Licensee	Count of Idrec (unique record Id)	
ESSEX OIL CORPORATION	9	
Licensee	Count of Idrec (unique record Id)	
QUESTFIRE ENERGY CORP	2	
Licensee	Count of Idrec (unique record Id)	
OIL RESERVE INC.	1	
Total	Count of Idrec (unique record Id)	90

Data Sharing – Maps



Data Sharing – Maps



A person wearing blue work pants with reflective yellow stripes is walking on a paved surface. The person's legs and feet are visible, and they are wearing black shoes. The background is a light-colored, textured pavement.

Thanks

Lars De Pauw, Executive Director - OWA