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Appendices

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Acronyms

3D	Three-Dimensional
AAAQO	Alberta Ambient Air Quality Objectives
ACIMS	Alberta Conservation Information Management System
AEP	Alberta Environmental Protection
AENV	Alberta Environment
AER	Alberta Energy Regulators
AEW	Alberta Environment and Water
Al-Pac	Alberta-Pacific Forest Industries Inc.
ANPC	Alberta Native Plant Council
API	American Petroleum Institute
ASRD	Alberta Sustainable Resource Development
ASP	Area Structure Plans
AVI	Alberta Vegetation Inventory
AWI	Alberta Wetland Inventory
BATEA	Best Available Technology Economically Achievable
bbbl	Barrels
BFW	Boiler feed-water
BGES	Big Guns Energy Services
BLCN	Beaver Lake Cree Nation
BLFN	Beaver Lake First Nation
bpd	barrels per day
BS&W	Basic Sediment and Water
C&R	Conservation and Reclamation
CCME	Canadian Council of Ministers of the Environment
CEMA	Cumulative Environmental Management Association
CMMP	Caribou Mitigation and Monitoring Plan
CNRL	Canadian Natural Resources Limited
CO ₂ E	CO ₂ Equivalent
COSEWIC	Committee on the Status of Endangered Wildlife in Canada
CPDFN	Chipewyan Prairie Dene First Nation
CRDAC	Conklin Regional Development Advisory Committee
CRISP	Comprehensive Regional Infrastructure Sustainability Plan
cP	Centipoise
CPDFN	Chipewyan Prairie Dene First Nation
CPF	Central Processing Facility

CPUE	Catch-per-unit-effort
DA	Development Area
DCS	Distributed Control System
DFO	Fisheries and Oceans Canada
Dilbit	Diluted Bitumen
EA	Environmental Assessment
EC	Electrical Conductivity
EIA	Environmental Impact Assessment
EPEA	<i>Environmental Protection and Enhancement Act</i>
ERCB	Energy Resources and Conservation Board
ERP	Emergency Response Plan
ESA	Environmental Site Assessments
ESRD	Alberta Environment and Sustainable Resource Development
EUB	Energy Utilities Board
FMA	Forest Management Agreement
FMI	Formation Micro-Imaging
FMUs	Forest Management Units
FTT	Multi-sample Formation Tester
FWKO	Free Water Knock Out
FWMIS	Fish and Wildlife Management Information System
GHG	Greenhouse Gas
GOR	Gas Oil Ratio
ha	Hectares
H ₂ S	Hydrogen Sulphide
HLFN	Heart Lake First Nation
HLY	Hartley
HP	High Pressure
HRIA	Historical Resource Impact Assessment
HRSR	Heat Recovery Steam Generation
HRV	Historic Resource Value
HSE	Health, Safety and Environment
IGF	Induced Gas Flootation
IHS	Inclined Heterolithic stratification
IRP	Integrated Resource Plan
IS	Inclined sands

ISQG	Interim Sediment Quality Guidelines
K_h	Horizontal Permeability
K_v	Vertical Permeability
LACT	Lease Automated Custody Transfer
LCC	Land Capability Classification
LFH	Leaf Litter
LHV	Lower Heating Values
LOC	License of Occupation
LSA	Local Study Area
m^3/cd	Cubic Metres per Calendar Day
MARP	Measurement, Accounting and Reporting Plan
MBC	Mix Bury Cover
MD	Measured Depth
MDP	Municipal Development Plans
MIHS	Muddy Inclined Heterolithic Strata
MLD	McClelland
MOP	Maximum Operating Pressure
MRN	Mariana
MSL	Mineral Surface Lease
MST	Mudstones
MWD	Measurement While Drilling
NACE	National Association of Corrosion Engineers
NO_x	Oxides of Nitrogen
O	Organic
OB	Overburden
OBIP	Original Bitumen In Place
OHV	Off Highway Vehicle
OM	Organic Matter Content
OSCA	<i>Oil Sands Conservation Act</i>
OSDG	Oil Sands Developers Group
PA	Project Area
P&NG	Petroleum and Natural Gas
PEL	Probable Effects Level
PSD	Particle Size Distribution
PSVs	Pressure Safety Valves
PW	Produced Water

RAMP	Regional Aquatics Monitoring Program
RAPs	Restricted Activity Periods
RFMA	Registered Fur Management Area
RMWB	Regional Municipality of Woof Buffalo
ROW	Right-of-Way
RSA	Regional Study Area
SAGD	Steam Assisted Gravity Drainage
SAR	Sodium Absorption Ratio
SARA	Species at Risk Act
SIHS	Sandy Inclined Heterolithic stratification
SOPs	Standard Operating Procedures and Practices
SOR	Steam Oil Ratio
SMUs	Soil Map Units
STARS	Steam, Thermal and Advanced Processes Reservoir Simulator
TD	Total Depth
TDS	Total Dissolved Solids
THAI	Toe to heel air injection
TKN	Total Kjeldahl Nitrogen
TN	Total Nitrogen Content
TOC	Total Organic Carbon
TVD	Total Vertical Depth
UPS	Uninterruptable Power Supply
USDA	United States Department of Agriculture
VIS	Viscosity
WMUs	Wildlife Management Units
WSC	Water Survey of Canada
wt%	Weight percent
XRD	X-ray diffraction