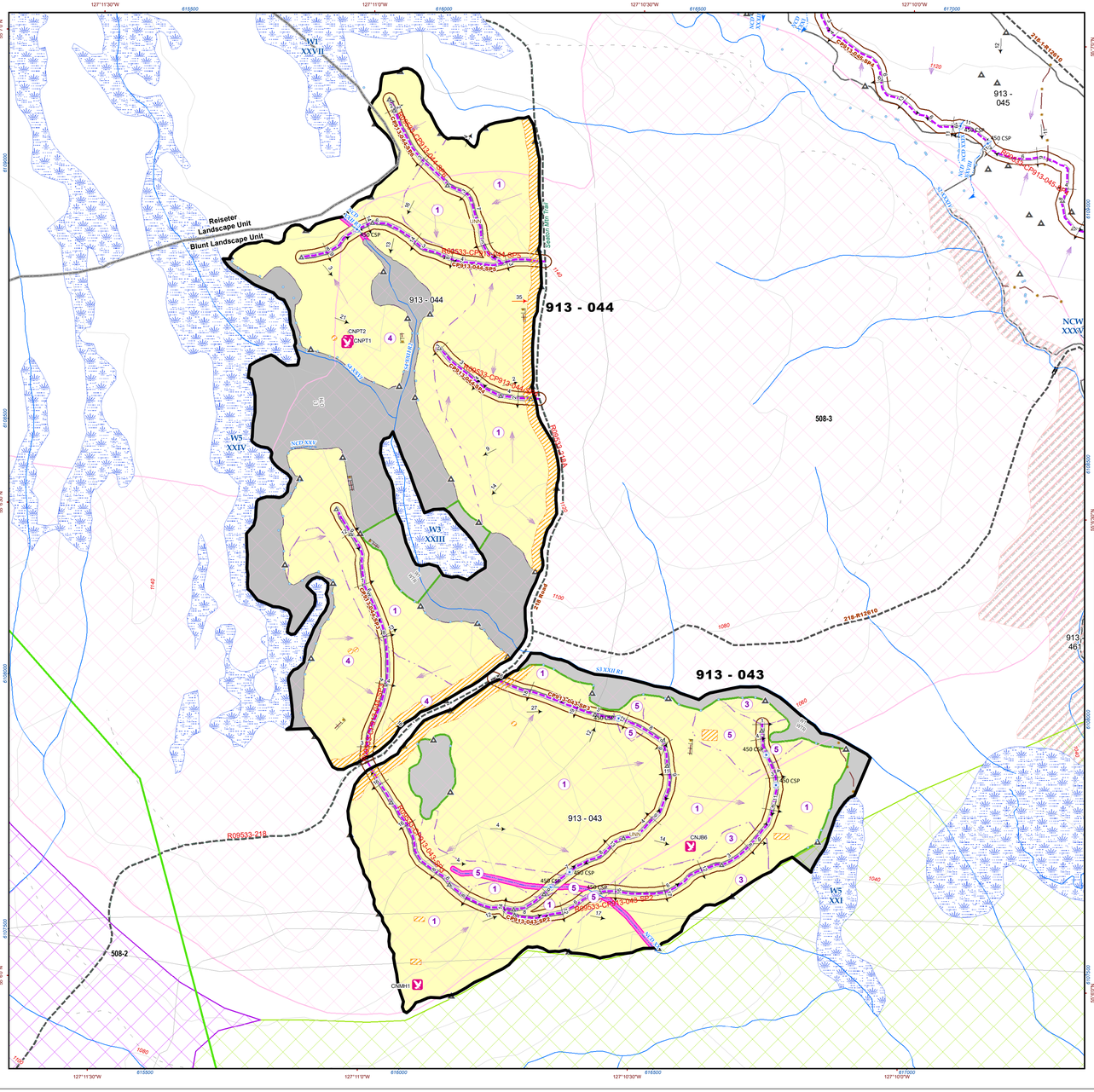

Pacific Inland Resources
A Division of West Fraser Mills Ltd.
P.O. Box 3130 Smithers, B.C. V0J 2N0 Phone: (250) 847-2656

SITE PLAN & LOGGING PLAN & ROAD PLAN

1:5,000

Licence: A16830 **Permit:** 913 **Block:** 043 044
Road: R09533 sec CP913-043-SP2, SP3; 044-SP3, SP4, SP5

Forest Region: **RNI**
Forest District: **DSS**
Mapsheet: **093M015**
Operating Area: **Blunt**

Date Created: **7/3/2019**
Forester: **Kelsey Stasiuk**
Created By: **Kristie Seaborn**

EMERGENCY INFORMATION
Access Directions: via 218rd at 18km of 2000rd (near Witset).

CP 913 BLOCK 043 - STANDARD UNIT SUMMARY

Latitude : **55 6' 10.6"** UTM North: **6107765.8**
Longitude: **-127 10' 35.19"** UTM East: **616344.6**

Opening Area	WTR Area	Leave Area	Gross Cutblock Area
40.6	3.7		44.3
Permanent Access Area	**Natural Non-Productive Area**		**Net Area to Reforest**
1.6			39.0

SU	SU Type	Biogeoclimatic Information	Silviculture Regime I.D.	Max. Allowable Soil Dist %	Gross Area	NAR
1	PROD	ESSfnc 01(10) 10		10.0	30.8	30.8
3	PROD	ESSfnc 05(8) 01(2)		10.0	4.9	4.9
5	PROD	ESSfnc 09(10)		10.0	3.3	3.3
N	NP			5.0	1.6	20.5
W1	WTR			5.0	3.7	17.9
				TOTALS	*44.3*	*39.0*

CP BLOCK 044 - STANDARD UNIT SUMMARY

Latitude : **-127 10' 35.19"** UTM North: **616344.6**
Longitude: **-127 10' 55.85"** UTM East: **615958.7**

Opening Area	WTR Area	Leave Area	Gross Cutblock Area
39.7	1.4	14.5	55.6
Permanent Access Area	**Natural Non-Productive Area**		**Net Area to Reforest**
1.3			38.4

SU	SU Type	Biogeoclimatic Information	Silviculture Regime I.D.	Max. Allowable Soil Dist %	Gross Area	NAR
1	PROD	ESSfnc 01(8) 06(2)		5.0	20.5	20.5
4	PROD	ESSfnc 06(7) 04(3)		5.0	17.9	17.9
L1	OTH				14.5	
N	NP				1.3	
W1	WTR				1.4	
				TOTALS	*55.6*	*38.4*

ROAD TABLE

Road Name Timbermark	Road Type	Road Width (m)	Minimum Culvert Size (mm)	Start	End	Net Merch. (ha)	Comments
R09533-CP913-043-SP2 EM 70R1	long term	4-5.5	450	0+000	0+792	1.98	
R09533-CP913-043-SP3 EM 70R1	long term	4-5.6	450	0+000	1+291	3.23	
R09533-CP913-044-SP3 EM 70R1	short term	4-5.5	450	0+000	0+527	1.32	
R09533-CP913-044-SP4 EM 70R1	short term	4-5.5	450	0+000	0+230	0.57	
R09533-CP913-044-SP5 EM 70R1	short term	4-5.5	450	0+000	0.521	1.30	
R09533-CP913-044-SP3 EM 70R1	short term	4-5.5	450	0+000	0+408	1.02	

STREAM CROSSING TABLE

Road Name	Type of Structure & Size	Design Load	Structure Location	Stream Name & Riparian Class	Direct Tributary	General Arrangement Drawing Number	Comments
043-SP2	culvert 450mm	n/a	0+200	XX NCD	no	n/a	
043-SP3	culvert 450mm	n/a	0+767	XX NCD	no	n/a	
044-SP5	culvert 450mm	n/a	0+394	XXII NCD	yes	n/a	log and clean-snow fill or raised temp structure if conditions permit

CRITICAL OPERATIONS SITE FACTORS:

CP913 -043, 044

High snag content.

Harvest Season: Block 043 -summer potential; if summer is exercised schedule the block for harvest as late in the late summer shoulder nesting season as possible. Block 044 -winter harvest (5% disturbance, VH compaction hazard). Predevelopment of roads will provide spring decking opportunities.

Road access control point requirements: block 043 and 044 -restrict access to block roads during periods of operational inactivity

Road deactivation: deactivate all roads after planting activities by utilizing full pull back. Distribute LWD on roads that could provide access to wetlands.

The main haul roads provides public access to Seaton Mountain hiking trails. In regard to safety (major) and visuals (minor): do not block access with equipment or activities. Maintain a visual buffer alongside the main haul road; do not deck to roadside along the main haul road and retain advanced regen and intermediates (below dominant and codominants) in the ribboned SMZ. If the ribboned SMZ is insufficient due to lack of regen, increase retention attempts beyond SMZ ribbon. The visual buffer does not need to be constant and uninterrupted; it can be broken/clumpy in SMZ ribboned polygons within block indicate locations for very good regen patches.

Ensure road ditches do not concentrate/deliver sediment to S3-XXII.

These blocks overlap an active grazing license, consider obstacle planting.

Coord: BC Albers
Datum: NAD83 (CAN)
Data: TRIM, FC1, TFM

Declination November 3, 2015
(Smithers Airport): 16d 43.14'm East (13.8'/yr W.)

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For further information or copies contact WFM @ 250-847-2656

TEMPLATE UPDATED: Feb. 4 2016

Meters 0 125 250 500

Path: Y:\PIR\Permits\FLA16830_DSS\CP913\A16830_913_043_044_SPLP.mxd

Legend
- Landscape Units
- Gross Block Bdy
- Enduring_Nest
- TRIM Contours
- Tie Point
- Stream- Intermittent
- Stream- Definite
- Stream- Intermittent or Indefinite
- Swamp
- VRI Swamps
- MFZ
- SMZ
- Culvert
- Road Hub
- Road Bridge
- Gravel Road
- Rough Road
- Right Of Way
- < or = 29%
- > or = 30%
- Edge of Drop
- Wildlife Trail
- Skid Direction
- Boundary Hub
- Z/ FTEN Recreation Trails 5k
- NRB-FOREST
- Wetsuweten Trail Network
- Built
- Proposed
- LRM Roads
- LRM Road Permit Section Labels
- Core Ecosystems
- Enhanced Timber Development Zone
- Landscape Corridors
- BKG_BC.Terr_Al_Fan
- OTH
- WTR
- NP UNN
- TFM_ScratchPoly
- LRM Standard Units
- LRM Blocks

1. ROAD IS LOCATED WITHIN RIPARIAN MANAGEMENT AREA?
YES X NO___ APPROVAL REQUIRED YES___ NO X

2. ROAD IS LOCATED WITHIN A COMMUNITY WATERSHED?
YES___ NO X APPROVAL REQUIRED YES___ NO X

3. ROAD IS LOCATED ON TERRAIN WITH MODERATE OR HIGH LIKELIHOOD OF LANDSLIDES?
YES___ NO X

ACTIONS FOR PROTECTING OTHER FOREST RESOURCES:

*-CULVERTS MARKED WITH AN * HAVE BEEN PLACED ON THE MAP TO MEET MINIMUM CULVERT SPACING GUIDLINES.*

-THE FIELD PLACEMENT OF THESE CULVERTS SHOULD COINCIDE WITH THE GROUND CONDITIONS AND SUBGRADE PROFILE AND NOT NECESSARILY THE MAP LOCATION.

- CULVERTS MARKED IN THE FIELD MAY BE SUBJECT TO CHANGE DURING CONSTRUCTION OF THE SUBGRADE PROFILE.*

-00 M RIGHT OF WAY WITH WIDENINGS WHERE REQUIRED FOR ENGINEERING PROPOSES.

THE ASSESSMENTS CHECKED BELOW WERE CARRIED OUT AND THE ROAD LAYOUT AND DESIGN IS CONSISTENT WITH THE RESULTS AND RECOMMENDATIONS OF THE ASSESSMENTS.

X RIPARIAN ASSESSMENT ___ VISUAL IMPACT ASSESSMENT
X ARCHEOLOGICAL IMPACT ASSESSMENT ___ SITE INSPECTION (FRR 4.1)

1. RATIONALE FOR ROAD WITHIN AN RMA:

2. RATIONALE FOR ROAD LOCATED ON A MODERATE TO HIGH LANDSLIDE OCCURANCE AFTER SITE INSPECTION.

P.I.R. LICENSEE ACKNOWLEDGEMENT *DATE*

P.I.R SIGNING FORESTER *DATE*