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Nova Scotia
Utility and Review Board

CI 38856

L7011 Deteriorated Replacements

REDACTED

September 2, 2010

NOVA SCOTIA
POWER
An Emera Company

UARB APPROVAL SHEET

Project Title: **L7011 Deteriorated Replacements**

CI Number: 38856

☒ Capital Project Authorization

Head Office Use:

☐ ATO

Project Number:

☐ Final Cost

Date: August 30, 2010

Location:

Division:

Expenditure Profile

Schedule

YEAR	Budget Estimate	Project Estimate		
2010	1,604,403	2,055,736	Estimated Start Date	2010-09
			Estimated In-Service Date	2010-10
			Estimated Close Date	2010-11
Total	\$1,604,403	\$2,055,736		

COMMENTS

Submitted on behalf of NOVA SCOTIA POWER INCORPORATED

Approved on behalf of NOVA SCOTIA UTILITY AND REVIEW BOARD

[Signature]

Aug 31/2010

Authorized Signatory

DATE

DATE

Mark Savory

VP Technical and Construction

Project Number

- L7011 Deteriorated Replacements

CI Number : 38856

Parent CI Number : -
 Cost Centre : 800 - 800-Services - Admin. Budget Version - UARB Submissions

Forecast

Start : 09/01/2010
 Operational : 10/30/2010
 Final Cost : 11/30/2010
 2010 \$2,055,735.85
 Total : \$2,055,735.85
 Original Cost : \$371,823.00

This project provides for costs associated with changing out deteriorated poles, arms and insulators on approximately 160 structures on transmission L-7011.

Summary of Related CI's +/- 2 years
 No other projects in 2008,2009,2010,2011 and 2012

CI Number : 38856 - L7011 Deteriorated Replacements

Project Number

Parent CI Number :

Approved Date

Cost Centre : 800 - 800-Services - Admin.

Budget Version UARB Submissions

Capital Item Accounts

Acct	Actv	Account	Activity	Forecast Amount	Amount	Variance
092		092-Vehicle T&D Reg. Labour AO		3,437	0	3,437
094		094 - Interest Capitalized		28,000	0	28,000
095		095-COPS Regular Labour AO		11,870	0	11,870
095		095-COPS Contracts AO		331,236	0	331,236
012	035	012 - Materials	035 - TP - Wood Poles	312,000	0	312,000
013	035	013 - COPS Contracts	035 - TP - Wood Poles	947,927	0	947,927
013	038	013 - COPS Contracts	038 - TP - Insulators	406,267	0	406,267
001	087	001 - T&D Regular Labour	087 Field Super.& Ops.	15,000	0	15,000
Total Cost:				2,055,736	0	2,055,736
Original Cost:				371,823		

CI Number : 38856	- L7011 Deteriorated Replacements	Project Number
Parent CI Number :	-	Approved Date
Cost Centre : 800	- 800-Services - Admin.	

Capital Item Justification

Justification Criteria : TRANSMISSION PLANT

Sub-Criteria : Maintenance

Name of Report :

Document Location :

Person Responsible :

Why do this project?

This project is required to replace deteriorated poles, crossarms, and insulators on a 230kV circuit between Lingan and Port Hastings. This circuit is an integral part of NSPI's transmission system.

Why do this project now?

This project will replace deteriorated plant that may result in unplanned interruptions on the transmission system.

Why do this project this way?

Replacement in kind is the most effective method of addressing this deteriorated plant.

This work is being completed by an affiliate.

CI Number : 38856	- L7011 Deteriorated Replacements	Project Number
Parent CI Number :	-	Approved Date
Cost Centre : 800	- 800-Services - Admin.	

14814861

Reason for Variance / Over Expenditure / Final Costing

This capital item increased by \$451,333 from ACE 2010 due mainly to increased contract costs and associated administrative overhead. The change in contracts is due to a refinement of the original estimate. There has been no change in project scope.

38856 - L7011 Deteriorated Replacements

Account	ACE 2010	Current Submission	Variance
001 - T&D Regular Labour	30,000	15,000	(15,000)
012 - Materials	270,330	312,000	41,670
013 - COPS Contracts	1,005,048	1,354,194	349,146
092-Vehicle T&D Reg. Labour AO	6,873	3,437	(3,437)
094 - Interest Capitalized	22,578	28,000	5,422
095-COPS Contracts AO	245,835	331,236	85,401
095-COPS Regular Labour AO	23,739	11,870	(11,869)
	1,604,403	2,055,736	451,333

CI 38856 – L7011 Deteriorated Replacements

The following is a breakdown of costs associated with the L7011 Deteriorated Replacements.

• Administrative Overheads and Interest	\$374,542
• Labour	\$15,000
• Materials	\$312,000
• Contracts	\$1,354,194
• Total	\$2,055,736

The major project costs include Materials which consists of \$312,000. This includes costs for poles, crossarms and insulators. The Contract estimate of \$1,354,194 is based on a rate of [REDACTED]/hour.

NON-CONFIDENTIAL

Transmission Responses

Request IR-T8:

With respect to page 198, CI# 38856 - L7011 Deteriorated Replacements,

- a) Provide a copy of the studies and reports that lead to the decision to do this work.**
- b) Please describe the line - location, year built, number of structures, service history especially over the past 10 years, outlining the operating and maintenance issues encountered leading to the decision to perform this work.**
- c) How many spans are below CSA ground clearance specifications and how did this become an issue? Was the CSA standard changed since the line was built?**
- d) How many structures have been replaced or partially replaced over the past 10 years. Specify the reason for the replacement, i.e., for example rot, lightning damage, storm damage, clearance, etc.**
- e) Why is it necessary to do all of this work in 2010 and why can't it be postponed or split up over two or more years?**
- f) Has the engineering and design work been completed and who is doing this work, NSPI or outside forces? If not completed, when will this be ready?**
- g) Please provide the Gantt chart for this work.**
- h) Is it intended to replace all 160 structures? If not, what specifically is being proposed?**

NON-CONFIDENTIAL

Request IR-T8: (cont'd)

i) Have any insulators already been replaced on this line or on a portion of the line to address the cement growth problem as has been experienced on other transmission lines?

j) Please provide a breakdown of the \$1,604,403 total cost estimate showing the budgeted amount for NSPI labour, contracted labour, consultants, material, interest, and overhead.

Response IR-T8:

a) The decision to do this work was based on structure climbing inspections. Please refer to Attachments 1 and 2.

b) This 230 kV circuit between Lingan and Port Hastings was constructed in 1972 and 1979. There are 578 structures on this circuit. This circuit experienced 31 forced outages between 2000 and 2010 due to the following reasons: 10 salt sprays, 9 lightning strikes, 4 wind, 3 unknown, 1 human element and 4 defective equipment. The maintenance issues associated with this circuit are outlined in the inspection reports in response to IR-T8 a).

c) The work on this circuit is required due to the deterioration of poles, crossarms and insulators. This work is not associated with ground clearance issues.

d) Table 1 Structures Replaced on L-7011

Year	# of Partial Structures Replaced	# of Full Structures Replaced	Total # of Structures
2006	87	3	90
2007	31	6	37
2009	78	17	95

NON-CONFIDENTIAL

Response IR-T8: (cont'd)

The equipment failures that have occurred on this circuit over the past 10 years were mainly due to lightning and deterioration.

e) Work has taken place on this circuit over the past few years. The current generation outage schedule allows sufficient time for this work to be completed in 2010.

f) The engineering and design work for this project has been completed by NSPI.

g) A Gantt chart does not exist for this work.

h) Eighteen structures are planned to be completely replaced. The majority of work in this application is associated with crossarms and bracing.

i) Some reinsulation will take place. There have been no insulators on this line replaced due to cement growth problems.

j) Table 1 – Breakdown of L7011Deteriorated Replacements Cost Estimate

Account	Estimate (\$)
Labour	30,000
Materials	270,330
Contracts	1,005,048
Interest	22,578
Overheads	276,447
Total	\$1,604,403

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7241												INSPECTION DATE April 89							
SECTION NAME Port Hastings To Linger												INSPECTOR Doug Horton							
SECTION #												Temp. 5							
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material			
5	K									7.65	5.68	266							Low Conducted
6	K									10.56	8.35	356							2 poles to be replaced 2010; Also Bridel Down guy on North side of Left Pole Preform broke. Repull guy.
7	K									12.40	10.41	146							Installed Nail guy to be replaced 2010
8	K									Crosses over 138									Installed Nail. No change in the rest of STM. From last inspection. 90' Pole to be replaced 2010
9	D																	Left X Arm Spar to be replaced 2010	
10	D																		NEW STR ID # + line # Installed
T.C. H 105 30 Live																			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT
DATA COLLECTION SHEET

L- 2004														INSPECTION DATE April 09					
SECTION NAME														INSPECTOR D.H.					
SECTION #														Temp. +5					
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. Gr.	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material			
11	D												✓					X	Same as last Insp. X Arm Spar to be replaced. (2010)
Road into Dump from 105 Hwy																			
12	K												✓					X	Iller Arms to be replaced & Brown Disc 2010. 1 Deadend Disc on Left & Centre Phases are cracked. 10 Disc in a string.
13	K												✓					X	Work on guys & Insulators 2010 No change from last Insp.
14	D																	X	X Arm Spar to be replaced 2010 (left). Nail # installed
15	O																	✓	

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT
DATA COLLECTION SHEET

L- 2011															INSPECTION DATE April 09				
SECTION NAME															INSPECTOR P.H.				
SECTION #															Temp. +5				
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. Uct	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		10-30	30-60	60-90		L	C	R						Type	Qty.	Material			
16	0												✓				X		No change. Replace Right X Arm Spar and Insulate. Nail # installed.
17	0												✓				X		NO change. Work to be done 2010
18	0												✓				P		Spar to be replaced + Reinsulate 2010 Nail # Installed
19	0																X		Both X Arm spars to be replaced. Nail # Installed.
20	0																✓		NO change from last Insp. Install STR ID #. Nail # was Installed.
21	0																✓		
22	0																X		Left Arm Spar + 2 sets Insulators to be replaced

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required. 2010

TRANSMISSION LINE REPORT																							
DATA COLLECTION SHEET																							
L- 2011															INSPECTION DATE April 09								
SECTION NAME															INSPECTOR D.H.								
SECTION #															Temp. +6								
STR#	Str. Type	Approx. line angle			Pole Spec. ing	Pole Length			Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments	
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material	Type	Qty.	Material				Ok
23	0												✓							X			No change from last Insp. with DHGW.
																							2 out of 8 Disc Brake on Left Phase.
24	0																			X			Left Arm Spar & Brace spar to be replaced 2010 & reInsulate Nail # installed.
25	0																			✓			No change.
26	0																			X			No change. Replace Left Arm Spar & right X Brace. Reinsulate. Installed Nail #
27	0																			X			Same as last Insp. Work to be Done 2b10

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE April 09				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp. 6				
STR#	Str. Ty	Approx. line			Pole Spacing	Pole Length	Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments	
		angle	ing	ing								Type	Qty.	Material					Type
28	O	10-30	30-50	60-90	L	C	R											0166 W. Deadend. Span OK for now	
29	K																	Reattach Deadend guy on right pole 2 out of 8 Brown Insulators Broke on hang down string Centre Phase 1 Disc on Deadend Right Phase has a chip out of it. washers on Deadend Bolts starting to sink into Poles some (work to be done 2010)	
30	K																	Right Phase Deadend has 4 Disc cracked on one side & 3 on opposite side out of 6. Centre Phase has 1 cracked on each side Left Phase has 1 cracked East side Work to be done 2010 STR ID Faded on West side	

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 2000															INSPECTION DATE April 09					
SECTION NAME															INSPECTOR D.H.					
SECTION #															Temp.					
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohw	Insulator			Insulator			Struc. status	Co-ordinates	Comments
	pe		ng	L	C	R	uctor	Clr.	Clr.			Type	Qty.	Material	Type	Qty.	Material	Ok	Fail	
31	0																			STR To be reinsulated 2010
32	0																			Work to be completed 2010. no change
33	0	10 PE																		No change from last Insp. Install Nail #. STR now in 1-4 years OK For now
34	K																			No change from last Inspection. Work to be done 2010 Replace Insulators (Nail # installed)
35	0																			Same as last Insp. Spar to be replaced 2009

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE April 07				
SECTION NAME															INSPECTOR D.A				
SECTION #															Temp.				
STR#	Str. Ty	Approx. line angle	Pole Specifying	Pole Length	Cond uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments	
				L C R						Type	Qty.	Material	Type	Qty.	Material	Ok	Fail		
36	0																	No change from last Insp. Work to be done 2009 Arm Spcr, Brace Spcr an Insulate, Nail # Installed.	
37	0																	Left Pole to be Replaced 2009	
38	0																	No change from Insp. Work on STR 2010. Nail # Installed	
39	0																	Nail # Installed Arms + Braces to be replaced 2009	
40	0																	Both. Sler Arms to be replaced 2009	
41	0																	Nail # Installed. No change in STR. Work scheduled 2010	
Wood Road																			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT
DATA COLLECTION SHEET

TRANSMISSION LINE REPORT DATA COLLECTION SHEET															INSPECTION DATE April				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp.				
STR #	Type	Approx. line angle			Pole Spacing	Pole Length			Cond. Gr.	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		10-30	30-60	60-90		L	C	R						Type	Qty	Material			
42	0																X		Spar Arms to be replace 2010 Poles sound saggy
Barberton Road																			
43	0																X	STR # was Installed. Right Spar arm to be changed 2010 & Insulators Right Pole sounds hollow clearance the same	
44	0																X	Same as Last Insp. Work to be done 2010	
45	0																✓	Nail # was Installed	
Brook 1' wide																			
46	0																X	Nail Installed. Right Spar to be replaced 2010	
47	0																✓	Work Completed (all done)	
Brook 2.5'																			

N45° 39' 57.3"
W61° 17' 48.9"

N45° 39' 58.4"
W61° 17' 41.4"

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																	
L* 7011													INSPECTION DATE April 08				
SECTION NAME													INSPECTOR P.A.				
SECTION #													Temp. 8°				
STR. #	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	chgw	Insulator			Struc. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material			
48	0																No change. Left spar arm + Insulators to be replaced 2010
49	0																Work Completed.
50	0																All work completed
51	0																No change from last Insp
Brook 10' wide															N 45° 40 03.3 W 61° 16 39.7		
Wood Road into line from Robertson Road																	
52	0																Pumpers are the same. Poles Standing
(6' wide Brook # 2) (N 45° 40 04.5 W 61° 16 23.4) Brook # 1 15' wide															N 45° 40 04.4 W 61° 16 21.5		
Road over Brook # 2																	
53	0																All work completed.
Brook 6' wide															N 45° 40 05.8 W 61° 16 08.4		

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE April 09				
SECTION NAME															INSPECTOR P. H.				
SECTION #															Temp. 8				
STR	pe	Str. Ty	Approx. line angle	Pole Spacing	Pole Length	Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments
			0-30 30-60 60-90		L C R						Type	Qty.	Material	Type	Qty.	Material	Ok/Fail		
60	0																X		No change from last Insp. Work to be done 2009
61	0																✓		STR was replaced. They left the 2 old pole stubs in the ground about 12' long. The Pole Butts should be removed
62	0																X		No change from last Insp. Work to be done in 2009
63	1																X		No change work to be done 2009
64	0																X		No change Work to be done 2009
65	0																Ø		No change Work to be done 2009
Dawling Rd. Crosses 138 Bus + Double circuit 25kV																			
River Inhabitants																			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE April 09				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp. 5				
STR	Type	Approx. line angle	Pole Spacing	Pole Length	Conductor	Actual Gr. Clr.	Min. Gr. Clr.	span length meter	ohgw	Insulator			Struc. status		Co-ordinates	Comments			
										Type	Qty.	Material	Type	Qty.			Material	Ok	Fail
65	K															No changes. Work to be completed 2009. Nail [#] installed			
West Bay Road																			
66	O															Arm spurs + Insulators Replaced. Needs live ID [#]			
67	O															Work Completed.			
10 RE County Line Road																			
68	K															Same as last Insp. Insulators to be replaced 2009 16 Insulators in D.F. Ends			
Brook 8' wide																			
Brook 6' wide																			
69	O															No change			
Gully																			
70	O															Arm & Brace spurs to be replaced 2009 also STR ID [#] + Insulators			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7007															INSPECTION DATE April 09				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp.				
STR#	St. Ty	Approx. line angle	Pole Spec. ing	Pole Length	Conductor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohw	Insulator			Struc. status	Co-ordinates	Comments				
										Type	Qty.	Material							
				L	C	R				Type	Qty.	Material	Ok	Fail					
71	0													X		Same as last Insp. work to be done 2009.			
72	0													X		No change Work to be done 2009.			
																Wood Road in from County Line Road.			
23	0													X		No change Left X Brown. to be done 2009.			
29	0													✓		Work Completed.			
25	0													✓		Work Completed.			
																Old wood Rd Brook 3' wide			
																N45° 40 14.3 W61° 12 19.7			
76	0													X		Nail # Installed. the other work is scheduled 2010.			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																			
L- 761															INSPECTION DATE April 09				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp. 7				
STR	St. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	chgw	Insulator			Struc. status	Co-ordinates	Comments
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material			
82	0																X		No change work to be done 2010
83	0																✓		Work Completed
84	0																✓		Nail # Installed
																			N 45° 40 14.6 W 61° 10 53.3
85	0																✓		
86	0																✓		Work Completed
87	0																X		No change work scheduled 2010
88	0																X		Insulators were replaced. No line ID The left Xbrace is cracked at the strain plate. This should be replaced when the Arm spars are done in 2010
Cooper Road																			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE April 09				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp. 10				
STR	Str. Ty	Approx. line angle	Pole Spec. ing	Pole Length	Conductor	Actual Gr. Clr.	Min. Gr. Clr.	span length meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments	
										Type	Qty.	Material	Type	Qty.	Material				Ok
				L	C	R													
89	0														X			No change. Work on str scheduled 2010 Replace Arms, Braces & Insulators	
90	0														✓			Nail # Installed. STR ID need to be replaced on the West side	
91	0														X			No change from last Insp. Work to be done 2010	
92	0														X			No change work scheduled 2010	
93	0														✓			Everything replaced except the right Pole	
94	0														✓			Arms & Brace Spars Replaced and Insulators Replaced.	

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TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 1011															INSPECTION DATE April 09					
SECTION NAME															INSPECTOR D.R.					
SECTION #															Temp. 10					
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. Gr.	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
		0-30	30-50	50-90		L	C	R						Type	Qty.	Material				
95	0																			No change
96	0																			No change Work on STR scheduled 2010 - Replace Braces Arms & Insulators
97	0																			Work Completed. Arms, Braces & Insulators were Replaced
Gully Road around on right side of rightaway Brook #1																				
1" wide Brook #2																				
98	0																			Arms braces & Insulators have been Replaced & Nail # Installed.
99	0																			No change & Braces to be replaced 2010

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

L- 201															INSPECTION DATE April 29		
SECTION NAME															INSPECTOR J.A.		
SECTION #															Temp. 18		
STRE	Str. Ty	Approx. line angle	Pole Spacing	Pole Length	Cond	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator	Insulator	Struc. status	Co-ordinates	Comments			
										Type	Qty.	Material	Type	Qty.	Material	Ok	Fail
100	Z	10-30/30-50/60-90	L C R													X	
															Right Phase Deadend has 3 out of 16 broke on West side (Insulators)		
															1 cracked on East side of Centre phase		
															1 cracked on East side Left Phase		
															1 Broke on West side Left Phase		
															Work to be done 2010 on STR.		
101	D															X	
															Swampy		
															Arms, Braces & Insulators to be changed 2010		
															2-75 Poles, 2 Arm Spars, 2 Brace Spars & Insulators on ground.		
															For STR 102. Need Bridge to cross Brook		
															Brook		
102	D															X	
															STR to be replaced		
															3 out of 14 Insulators Broke on Centre Phase		

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 7011															INSPECTION DATE April - 09					
SECTION NAME															INSPECTOR J.H.					
SECTION #															Temp. 5					
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material	Type	Qty.	Material			
		0-30	30-50	50-90																
										Swamp			Brook	4' wide & Deep.				N45° 40 14.4		
																		W61° 07 34.3		
103	0																		X	STR to be replaced 2010
										Swamp			Brook	4' wide				N45° 40 14.4		
																		W61° 07 30.1		
104	0																		✓	Arm spars & Insulators Replaced.
																				Right Pole sounding soggy
105	0																		✓	
106	0																		✓	Arms, Braces and Insulators Replaced.
107	0																		X	STR to be replaced 2010.
108	0																		✓	Arms, Braces & Insulators replaced.
109	0																		X	Arms & Insulators to be changed 2010
																				Old Broken Insulators Left at Butt of Poles

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																						
L-70/K																INSPECTION DATE April - 09						
SECTION NAME																INSPECTOR D.B.						
SECTION #																Temp. 5						
STRT	End	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Conductor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struct. status	Co-ordinates	Comments	
							L	C	R						Type	Qty.	Material					Type
100	D																					
110	D																				Arms, Braces & Insulators have been replaced.	
112	D		Wood Road 10 AE Line Road to Danlee																		Needs like I.D.#. Same as last inspection	
113	K		Brook #1 - 205' wide Brook #2 1' wide																			N45° W 14.4 W 61° 05' S 51.7 N45° W 14.1 W 61° 05' S 50.5
113	K																					Left Pole replaced + Insulators Centre Phase 2 cracked on one side & one on opposite side Right Phase 4 out of 16 East side cracked

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																	
DATA COLLECTION SHEET																	
L- 7011												INSPECTION DATE April 09					
SECTION NAME												INSPECTOR D.H					
SECTION #												Temp. 60					
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length	Conductor	Actual Gr. Clr.	Min. Gr. Clr.	span length meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments		
										Type	Qty.	Material					
				L	C	R				Type	Qty.	Material	Ok	Fail			
		0-30	30-60	60-90													
								Brook	# 1	2' wide				N45° 40 13.7			
								Brook	# 2	1' wide				W66° 05 41.5			
														N45° 40 14.3			
														W61° 05 35.6			
114	0											X				Right Arm to be replaced 2010. OK for now	
115	0											X				No change from last Insp. Arms to be replaced 2010. Old Insulators left at Butt of Pole	
116	0											X				Arm spars to be replaced 2010. No change old Insulators left at Base of Poles	
117	0							Gully Brook	2' wide					N45° 40 14.4			
														W66° 05 11.4			
118	0																

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE April 09				
SECTION NAME															INSPECTOR P.H.				
SECTION#															Temp. 20				
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. utor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments	
				L	C	R						Type	Qty.	Material					Type
119	0																	Right Pole sounds saggy and old Insulators Left at Base of Poles	
120	0																	STR Replaced. There is only the #1 at top at Pole for STR I.D. Need the 2 Installed.	
121	0																	STR Replaced. Nail # Installed	
122	K																	No change from last Inspr. Guy to be reattach 2009. Nail # Installed	
123	0																	STR to be replaced 2009	
124	0																	STR to be replaced with 75' Poles 2009	

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur, such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE April-09				
SECTION NAME															INSPECTOR D.B.				
SECTION #															Temp. 22				
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments		
				L	C	R						Type	Qty.	Material				Type	Qty.
130	0	0-30 30-60 60-90																X Arm. Spins replaced + Insulators New STR # Installed	
										Brook	8' wide					N45° 40 14.9 W61° 02 47.9			
131	0																	Arms + Insulators Replaced.	
										Brook	6' wide					N45° 40 15.4 W61° 02 39.0			
132	0																		
										Brook	2' wide					N45° 40 15.3 W61° 02 22.9			
133	0																		
134	0																		
134-1	0																	No change. Arms Braces, Insulators to be replaced 2010	

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 7011															INSPECTION DATE April 08					
SECTION NAME															INSPECTOR P.H.					
SECTION #															Temp. 22					
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material				
135	0																		Both Arm Spers replaced and the Insulators	
Wood Road in of Thibaultville Road																				
136	0																		Arms + Insulators replaced.	
137	0																		Arms + Insulators replaced.	
138	0																		Arms + Insulators replaced.	
139	0																		Poles sound 80994	
140	0																		Arms, Braces + Insulators were replaced Right pole sounding hollow and has ant activity	
Brook 12' wide															N45° 40 16.4 W61° 00 56.2					

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7911															INSPECTION DATE April 09				
SECTION NAME															INSPECTOR P.H.				
SECTION #															Temp. + g.				
STR	Type	Approx. line angle	Pole Spacing	Pole Length	Conductor	Actual Gr. Clr.	Min. Gr. Clr.	span length meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments				
										Type	Qty.	Material							
0-30 30-60 60-90			L C R			Type Qty. Material			Type Qty. Material			Ok	Fail						
145	D															Arms & Insulators Replaced			
146	D												X			Arms bad & scheduled 2010 to be replaced also Insulators. Nail # installed			
148	K												X			4x Braces & Insulators to be replaced 2010 Now 1 guy off right pole Preform rusted off. 4 Anchors buried on West side & 3 on East side. Should install extensions and replace Preforms on these guys when replacing Braces 2010			
148	D												X			Arms to be replaced + also Insulators 2010			
149	D												X			Arms, Braces & Insulators to be replaced 2010 Old Pole laying on ground			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 7011															INSPECTION DATE April 09					
SECTION NAME															INSPECTOR P.H.					
SECTION #															Temp. 3					
ST	R	Type	Approx. line angle			Pole Spacing	Pole Length			Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
			0-30	30-60	60-90		L	C	R						Type	Qty.	Material			
155		D																✓		Arms & Insulators Replaced.
156		D																✓		Arms & Insulators to be replaced 2010 old Insulators on ground.
157		D																X		Change X Arm spurs & Insulators. I would put this in for 2010 +
158		D																✓		
159		D																✓		STA. Replaced
160		D																✓		Arms & Insulators Replaced
161		D																X		No change Arms & Insulators to be replaced 2010
Swamp																				

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE April - 09				
SECTION NAME															INSPECTOR D.H.				
SECTION#															Temp. 5				
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		10-30	30-60	60-90		L	C	R						Type	Qty.	Material			
162	0																		STR Replaced.
163	0																		STR to be replaced 2010. Ant activity in Left Pole.
164	0																		
165	0																		No change Arms + Insulators to be change 2010
166	0																		Wood pecker hole right Pole. Old Brown Insulators at Base of Pole.
167	0																		
																			Gully
168	0																		Arms Braces + Insulators to be replaced 2010. No change in STR.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 2011															INSPECTION DATE April - 09					
SECTION NAME															INSPECTOR DH					
SECTION #															Temp. 5					
STR	Type	Approx. line angle	Pole Spacing	Pole Length			Conductor	Actual Gr. Clr.	Min. Gr. Clr.	span length meter	ohgw	Insulator			Insulator			Struct. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material	Type	Qty.	Material			
169	D																			Right Pole hollow. Replace 6-12 2 Arm Spars, and Insulators have been changed. 7 crates of Insulators (new) left on ground By STR.
170	D																			STR Replaced all work complete.
171	D																			STR. Replaced
172	D																			STR. to be replaced 2010
173	D																			STR to be replaced 2010
174	D																			Arms + Insulators to be replaced in 2010

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE April 09				
SECTION NAME															INSPECTOR P.H.				
SECTION #															Temp.				
STR	Str. Ty	Approx. line angle			Pole Spacing	Pole Length	Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments		
		10-30	30-60	60-90								Type	Qty.	Material				Type	Qty.
182	0																4 old Brown Insulators at Base of Pole		
183	0																Arms, Braces + Insulators Replaced		
184	0																Wood Road in off. Oban Rd. STR was Replaced. 2 old Poles lying on ground by Wood Road.		
185	0																STR was Replaced. Installed Nail #		
186	0																Oban Road Brook 1.5' wide N45° 40 23.4 60 52 55.4 Arms, Braces + Insulators Replaced		
187	0																STR was Replaced		

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																				
L- 7011															INSPECTION DATE April 09					
SECTION NAME															INSPECTOR D.H.					
SECTION #															Temp. 7					
STR	Type	Approx. line angle			Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struct. status	Co-ordinates	Comments	
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material				Type
188	D																			No change from last Inspection STR to be replaced 2010
189	D				21'															Swamp Brook 1.5' wide N45° 40 23.1 W60 52 21.5
190																				Same as last Inspection
191	D																			No change from last Inspection
192	K																			Arms replaced & Insulators
																				Brook 2' wide N45° 40 24.0 W60° 51 58.0
																				34 RE Line Paved Road to French Cove.
192	K																			No change from last Inspection Reattach guy & replace Broken Insulators Should install new ID# only The small one here

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 7611															INSPECTION DATE April 09					
SECTION NAME															INSPECTOR D.H					
SECTION #															Temp. 8					
STR#	Str.Ty	Approx. line angle	Pole Spacing	Pole Length	Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments		
										Type	Qty.	Material	Type	Qty.	Material				Ok	Fail
0-30°			30-60°			60-90°			L			C			R					
193	D																	STR. was Replaced.		
Crosses under 2012 Road into Beaver Narrows																				
194	H																	Not a new str Like the Data sheet says - STR has been reinsulated 1 Idler Arm replaced. Anchor extensions Installed on East side and one on side guy.		
195	K																	STR has been reinsulated and one Idler Arm replaced Install line ID th		
Beaver Road																				
196	R																	Tower Crossing Beaver Narrows		
10 RE Beaver Narrows																				

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																			
L- 2611															INSPECTION DATE May 09				
SECTION NAME															INSPECTOR D. C.				
SECTION #															Temp. 12.				
STRE	Type	Approx. line angle	Pole Spacing	Pole Length	Conductor	Actual Gr. Clr.	Min. Gr. Clr.	span length meter	ohgw	Insulator			Insulator			Struct. status	Co-ordinates	Comments	
										Type	Qty.	Material	Type	Qty.	Material				Ok
197	R																N 45° 40' 07.4" W 60° 51' 05.7"	New Tower	
198	K														X			All Insulators Replaced. Left Pole Hollow. Replace Pole 6-12	
199	D														X			No change Arms + Insulators to be replaced 2009	
200	D														✓			Arms + Insulators replaced. Nail # installed STR ID # Not Done. (replace #)	
201	D														✓			Arms + Insulators Replaced Nail # Installed.	
Carbetts Cove Inlet.																			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 2011															INSPECTION DATE May 09				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp. 12				
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. Status	Co-ordinates	Comments		
				L	C	R						Type	Qty.	Material				Type	Qty.
202	0	0-30	30-60	60-90													One X Arm Replaced, 3 woodpecker hole in one X Brace. Insulators Replaced		
Bever Merrows Road																			
203	0													X			Arms, Braces, and Insulators to be replaced in 2009. Also Install Line ID#		
203.1	0													X			Arms to be replaced & Insulated 2009. Nail # Installed 203.1		
204	0													X			2 X Arms to be changed & the Insulators 2009. 1 X Brace should be done also. Sink woodpecker hole 1 ft from where Brace Bolts to Pole		
New Road for Subdivision																			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 2011															INSPECTION DATE May-09				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp. 12				
ST#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length	Conductor	Actual Gr. Clr.	Min. Gr. Clr.	span length meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments				
										Type	Qty.	Material							
				L	C	R				Type	Qty.	Material	Ok	Fail					
205	0															New STR			
								Brook	2' wide							N45° 40 12.0 W60° 49 22.9			
206	0												X			Arms & Insulators to be done 2009 Nail # Installed			
207	9															The small line ID # is broken			
								Corbetts Cove Inlet											
208	0												X			Both Arms are to be replaced and Insulators in 2009			
209	0																		
								Corbetts Cove Road											
210	0												X			Arms and Insulators to be replaced 2009 ID# & STR# were Installed.			
								Swamp Brook	4' wide							N45° 40 12.4 W60° 48 46.5			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 7011															INSPECTION DATE May '09					
SECTION NAME															INSPECTOR P.H.					
SECTION #															Temp. 65					
STRT	Str. Ty	Approx. line angle			Pole Spec	Pole Length	Cond	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments
		0-30	30-50	60-90								Type	Qty.	Material	Type	Qty.	Material			
217	0																			Arms and Insulators Replaced Should have new Live ID # (End of X Braces Cracked. Replace X Braces)
218	0																			Both pole sound soggy
219	0																			NO change from last inspection Arms, Braces & Insulators to be replaced.
																				Brook 8' wide N45° 40 30.3 W60° 47 06.6
220	K																			Insulators & ID #'s to be replaced 2010. One Deadend guy on East side of Centre Pole has to be repulled and new Preform Installed

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 7011															INSPECTION DATE May - 09					
SECTION NAME															INSPECTOR P.D.					
SECTION #															Temp. 15					
STR	Type	Approx. line angle			Pole Spacing	Pole Length			Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments	
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material				Type
Salmon River Road (Barra Head)																				
221	O																			Arms + Insulators to be replaced. The 2 X Braces are split at the strain plate. Replace these also when doing the X Arms.
222	O																			No change from last inspection. 70C
223	K																			No change from last Insp. Cracked Insulators to be changed.
223	O																			New nail installed
224	O																			
Wood Road in from Salmon River Road																				
225	O																			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 2011															INSPECTION DATE May 09					
SECTION NAME															INSPECTOR D.H.					
SECTION #															Temp. 15					
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	chgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
		10-30	30-60	60-90		L	C	R						Type	Qty.	Material				
233	K																			Right Pole Replaced. All Insulators Replaced. Guy Replaced on Centre Pole. Deadend guy on west side of Left Pole off. Needs new Anchor and reattach guy.
234	O																			Arms + Insulators Replaced. Both Poles sounding Saggy + Hollow
235	O																			Right Pole, Arms and Insulators Replaced
																				Wood Road 10 RE Line Lewis Code Road to Grand River
236	O																			New STR. Work Completed
																				Swamp
237	O																			
238	O																			No change Arms + Insulators to be replaced 2010

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 2011															INSPECTION DATE May 09					
SECTION NAME															INSPECTOR D.H.					
SECTION #															Temp. 75					
STR#	ST#	TY	Approx. line angle			Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
			0-30	30-60	60-90		L	C	R						Type	Qty.	Material			
244		O																		Arms Braces and Insulators Replaced.
																				Wet Swampy
245		O																		Right Pole, Arms and Insulators Replaced.
																				Wood Road in from 161 Old #4 Trunk Road. Brook 10' wide
																				N45° 41 45.6 W60° 43 25.2
246		O																		Arms braces and Insulators Replaced.
247		K																		Insulators Replaced + Washers Installed.
																				Brook 2' wide
																				N45° 42 02.4 W60° 43 04.2
248		O																		Arms + Insulators Replaced.
249		K																		Insulators have been replaced.
																				Right Pole very hollow Replace
																				Centre Pole washers Pulling Through. Replace
																				Swamp

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 2011															INSPECTION DATE May 09				
SECTION NAME															INSPECTOR D.R.				
SECTION #															Temp. 15				
STR#	Str. Type	Approx. line angle	Pole Spacing	Pole Length	Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments	
										Type	Qty.	Material	Type	Qty.	Material				Ok
249A		10-30	30-60	60-90	L	C	R										N45° 42 19.7 W60° 42 49.2	Arms, Braces, Insulators Replaced. STR ID was put on this STR and should of went on 250. Move STR ID to right Pole. If left 250 would have to repair the rest of line.	
250	0																	X Looks Like all the work on 249A was to be done ON STR 250. Arms, Braces, Insulators need to be done at 250 and new STR ID# 1-6 Month	
251	0																	1X Brace Replaced + Insulators Replaced. Arms to be done 2010. (also replace the other Brace) Poles sound Soggy	
252	1.7																	Brook 4' wide N45° 42 36.8 W60° 42 21.8	

Here crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																								
DATA COLLECTION SHEET																								
L- 7611															INSPECTION DATE May 09									
SECTION NAME															INSPECTOR D.A.									
SECTION #															Temp. 5									
STR#	Str. Type	Approx. line angle	Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments							
				L	C	R						Type	Qty.	Material				Type	Qty.	Material	Ok	Fail		
263	O																Looks Like Insulators were changed.							
264	O																Arms, Braces and Insulators Replaced.							
Road into West side of Mac Nabs Lake off Frank Mac Donald Road															N45° 49' 32.2" W60° 48' 42.1" Orange Ribbon at Road.									
Mac Nabs Lake																								
265	H																Insulators have been replaced. Braces getting Bad at the end and Idle Arms all weather cracked Replace Arms & Braces 6-12							
Mac Nabs Road in from Leckhampton West																								
266	O																Right Pole, Arms & Insulators Replaced.							

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT															INSPECTION DATE			
DATA COLLECTION SHEET															May 09			
L- 7011															INSPECTOR			
SECTION NAME															D.H.			
SECTION #															Temp. 8			
STR#	Str. Type	Approx. line angle	Pole Spacing	Pole Length	Cond. Uctor	Actual Gr. Cir.	Min. Gr. Cir.	span leng. meter	ohgw	Insulator	Insulator	Struc. status	Co-ordinates	Comments				
										Type	Qty.	Material	Type	Qty.	Material	Ok/Fail		
267	0	10-30/30-60/60-90	L C R					Brook 4' wide					N45° 43 59.5 W60° 40 46.4				X	Both X Arm spars has wide cracks and strain plate sinking into them. Replace X Arms + Reinsulate.
268	0							Brook 2' wide					N45° 44 04.7 W60° 40 38.0				✓	Nail # installed no change in str. from last Insp.
269	0																X	Arm spars & Insulators to be replaced 2009.
270	0							Brook 2' wide					N45° 44 14.7 W60° 40 21.9				X	STR to be replace 75 poles 2009.
Logging Rd off McNabs Road.																		

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE May 09				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp. 8				
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material			
277	Z																		Insulators need to be replaced. Insulators at STR. Right Pole looks rotten at the Dendard Bolts. The Pole sound very saggy. Replace Pole. Work on this was scheduled 2007 but not done. Some cracking at the ends of X Braces. This is a Transposition STR.
278	O																		Arms & Insulators Replaced Right Pole sounding Saggy
279	O																		Arms all weather cracked. Replace Arms & re-insulator
Logging Road in off Mo ^o Nabs Road																			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																	
DATA COLLECTION SHEET																	
L- 701												INSPECTION DATE May 09					
SECTION NAME												INSPECTOR D.H.					
SECTION #												Temp. 8					
STR #	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. Gr.	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material			
280	0	0-30	30-60	60-90													Arms, Insulators and STR ID have been Replaced. Could have Live ID # here
										Brook	2' wide						N45° 45 15.9 W60° 39.06.4
281	0									Swamp							
282	0																STR Replaced. STR leaning to the right a bit. Cries could of helped here some
283	0																Arm spars have wide cracks. Replace Arms & re-insulate. Both poles saggy sounding
										Brook	1' wide						N45° 45 36.3 W60° 38 41.0

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT
DATA COLLECTION SHEET

L-7011														INSPECTION DATE May 09					
SECTION NAME														INSPECTOR D.H.					
SECTION #														Temp. 7					
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. Gr.	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material			
287	0																X		MacNabs Rd X Brace split at strain plate on left & Id. Arms have alot of weather cracks Replace 2 X Arms, Insulators and Braces
288	0																✓		N45° 45' 41.0 W60° 38' 35.8
289	0																X		Arms & Insulators to be Replaced 2009c Both Poles very hollow Replace Poles
282	0																✓		
288	0																✓		N45° 46' 03.3 W60° 38' 07.4
289	0																✓		
290	0																✓		X Brace Replaced Insulators not changed.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 2011															INSPECTION DATE May 09					
SECTION NAME															INSPECTOR V.A.					
SECTION#															Temp. 12					
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material				
296	D																			Ant works in both poles
297	D																			Arm spans need Insulators and arms scheduled for 2009. Also 1x brace Spar split at strain Plate (replace)
298	D																			
																				Brook # 1 6' wide
																				Brook # 2 12' wide
																				N45° 46 58.8 W60° 36 58.0 N45° 47 01.6 W60° 36 56.1
299	D																			No change from last Insp.
300	D																			Left Pole Hollow + Full of cracks. Replace Pole 6-12 Gravel Pitt
301	D																			Right Pole alot of Ant activity and sounds hollow Replace 6-12

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011												INSPECTION DATE May 07							
SECTION NAME												INSPECTOR T.H.							
SECTION #												Temp. 12							
STR#	Str. Type	Approx. line angle			Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Cir.	Min. Gr. Cir.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material			
302	0																	2 Arm spars to be replaced and also the Insulators (2009)	
303	0																	Arms and Insulators to be replaced 2009. 1 Spar Brace is split at Strain Plate & should also be replaced	
304	0																	STR to be replaced 2009	
305	0																	Arms and Insulators were replaced.	
306	0																	Arms and Insulators Replaced	
307	0																	STR replaced.	
																		M45° 47 53.6 W60° 35 50.9	
308	0																	STR Replaced	

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																			
L- 7011																INSPECTION DATE May 09			
SECTION NAME																INSPECTOR R.H.			
SECTION #																Temp.			
STR#	Stry pe	Approx. line angle			Pole Spacing	Pole Length			Cond uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		10-30°	30-60°	60-90°		L	C	R						Type	Qty.	Material			
309	O																X	N 45° 48' 02.3" W 60° 35' 41.1"	Arms and Insulators to be replaced in 2009. One Brace all ready done the other Brace needs to be replaced also
310	O																X		STR ID not replaced. Right Pole sounds hollow and has Ants.
311	O																X		Left Pole Hollow & has ants. Replace Pole i Old Brown Insulators at Bottom of STR wire 9x1
312	K																X	N 45° 48' 19.9" W 60° 35' 18.7"	STR to be reinsulated 2009 No change from last Insp.

TRANSMISSION LINE REPORT																	
L- 7011																	
SECTION NAME																INSPECTION DATE May 09	
SECTION #																INSPECTOR P.H.	
																Temp.	
STR#	Str.Ty ps	Approx.line angle			Pole Spacing	Cond uctor			Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter ohgw	Insulator			Struct. status Ok/Fail	Co-ordinates	Comments
		10-30°	30-60°	60-90°		Pole Length L C R	Type Qty Material	Type Qty Material									
313	O													X			
314	O													X			
315	O													X		STR to be replaced 2009	
386	O													X			
317	O													X		No change from last Insp. Arms and Insulators to be replaced in 2009	
318	O													X		STR due to be replaced 2009	

L- 7011

Logging Road

Brook 1.5' wide

N45° 48 46.3'

S60° 34 51.5'

Brook 20' wide

N45° 49 00.2'

S60° 34 27.9'

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 7011															INSPECTION DATE May 09					
SECTION NAME															INSPECTOR R.B.					
SECTION #															Temp.					
STR #	Str. Ty	Approx. line			Pole Spacing	Pole Length			Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
		angle	10-30	30-60		60-90	L	C						R	Type	Qty.				
319	0																		New STR.	
320	0																		Arms + Insulators Replaced. STR ID Not Installed Also right Pole Replaced.	
321	0																		STR. is to be replaced 2009	
322	0																		STR Replaced	
323	0																		STR. to be replaced with 75' Poles in 2009	
324	0																		Work Completed Left Pole sounds hollow with Ants	

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE May 09				
SECTION NAME															INSPECTOR Rob-				
SECTION #															Temp. 15				
STR#	St. Ty	Approx. line			Pole Spec	Pole Length	Cond	Gr.	Min. Gr.	span	lang.	ohgw	Insulator			Struc.	Co-ordinates	Comments	
		angle	ing	ing									Type	Qty.	Material				Type
325	0																	STR- Replaced	
326	0																	STR Replaced	
327	0																	New pole Arms + Insulators Replaced	
328	0																	STR. was Replaced	
329	0																	Arms and Insulators Replaced	
330	0																	STR to be replaced with 25' Poles in 2009	
331	0																	Arms and Insulators Replaced Poles sounding Shelly	

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 2001															INSPECTION DATE May 09				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp. 15				
STR#	Str. Type	Approx. line angle	Pole Spacing	Pole Length	Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments	
										Type	Qty.	Material	Type	Qty.	Material				Ok
332	0																	Arms and Insulators Replaced.	
333	0																	STR Replaced.	
334	0																	STR Replaced Nail # Installed.	
335	0																	Arms. + Insulators Replaced.	
336	0																	No change Insulators and Arms to be replaced 2009. 1x Bruce starting to split at strain plate. Old Insulator on ground.	
337	0																	Arms to be replaced 2009.	
338	0																		

Brook 3' wide

N 45° 50' 50.3
W 60° 32' 10.4

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																		
DATA COLLECTION SHEET																		
L- 7011												INSPECTION DATE May 09						
SECTION NAME												INSPECTOR D.H.						
SECTION #												Temp. 8						
STR#	St. Ty	Approx. line angle	Pole Spacing	Pole Length	Cond uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgwl	Insulator	Insulator	Struc. status	Co-ordinates	Comments				
		0-30 30-60 60-90		L C R						Type Qty. Material	Type Qty. Material	Ok Fail						
														N 45° 51' 05" W W 60° 31' 51" E				
339	10					8.62						X		Arms & Insulators to be replaced 2009 No change in STRs				
340	Z											X		No change in STR. Work to be done 2009				
H.D. line Road from Big Pond to Loch Lomond (Terra Nova)																		
341	0											✓						
342	0											✓		No change				
343	K											X		No change from last inspection work to be done 2009				
344	0											X		Arms & Insulators to be replaced 2009				

For crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																					
DATA COLLECTION SHEET																					
L- 2011															INSPECTION DATE May 09						
SECTION NAME															INSPECTOR D.A.						
SECTION #															Temp. 8						
STR	Type	Approx. line angle	Pole Spacing	Pole Length			Cond uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohw	Insulator			Insulator			Struc. status	Co-ordinates	Comments	
				L	C	R						Type	Qty.	Material	Type	Qty.	Material				Ok
340	0																				Arms + Insulators to be replaced 2009
																					Wood Road
348	0																				Arms + Insulators Replaced.
																					Lake Brook 6' wide
																					N45° 51 40.3 W60° 30 51.9
348	0																				New STR Installed
																					Old Poles + some guy wire Left at site
348	0																				
349	0																				STR to be replaced 2010 (no change)
																					Wood Road
350	0																				Arms, Braces + Insulators Replaced.
																					No STR I.D. on West side of STR.
351	0																				Arms, Insulators and 1 X Brace replaced.
																					Ants in right Pole + hollow on one side

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																								
DATA COLLECTION SHEET																								
L- 7011																		INSPECTION DATE					May 09	
SECTION NAME																		INSPECTOR					D.H.	
SECTION #																		Temp.					8	
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length	Conductor	Actual Gr. Clr.	Min. Gr. Clr.	span length	ohgw	Insulator			Insulator			Struc. status		Co-ordinates	Comments					
										Type	Qty.	Material	Type	Qty.	Material	Ok	Fail							
		0-30 30-60 60-90		L C R																				
								Brook	15' wide									N45° 52 05.4 W60° 30 05.8						
352	0															X			No change from last inspection Arms + Insulators to be changed 2010					
								Swamp	Brook	4' wide								N45° 52 09.8 W66° 29. 59.0						
353	0															✓			Left pole hollow half way around. Arms and Insulators replaced.					
								Swamp																
354	0															✓			Arms and Insulators Replaced.					
355	0															✓			Arms and Insulators were Replaced.					
356	0															✓			Arms and Insulators were Replaced.					
357	0															✓								
358	0															X			Arms, Braces and Insulators to be replaced 2010					

here crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 7811															INSPECTION DATE May 09					
SECTION NAME															INSPECTOR D.H.					
SECTION #															Temp. 10					
STR#	Str. Ty	Approx. line angle			Pole Spec	Pole Length			Cond	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material				
359	0																			Arms and Insulators to be replaced 2010 and Line ID # (Called Doug to get Done 2009)
																				Mineral Springs Rd.
360	0																			Arms and Insulators Replaced. STR ID faded need to be replaced
361	0																			Arms + Insulators to be replaced 2010
362	0																			Arms and Insulators to be replaced 2010 - Right Pole Hollow 8' up from ground. Replace right pole when doing Arms.
363	0																			Arms, Braces and Insulators to be replaced 2010. Nail # Installed Old Brown Disk at foot of right pole

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 2811															INSPECTION DATE May 09					
SECTION NAME															INSPECTOR D.H.					
SECTION #															Temp. 10					
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length	Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments		
										Type	Qty.	Material	Type	Qty.	Material				Ok	Fail
10-30			30-50			50-90			L			C			R					
364	0																	Nail # Installed. Old Brown Disc on ground By STR.		
								Swamp												
365	0																	Arms + Insulators were replaced.		
								Swamp		Brook 12' wide								N45° 53 10.0 W60° 28 07.2		
366	0																			
367	0																			
								Brook		2' wide								N45° 53 20.9 W60° 27 47.7		
368	0																	Arms + Insulators were replaced.		
																		Line ID # Not Installed.		
								Mineral Springs Road												
369	0																	Arms + Insulators to be replaced		
																		20/0		

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

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TRANSMISSION LINE REPORT																								
DATA COLLECTION SHEET																								
L- 7011															INSPECTION DATE					May 09				
SECTION NAME															INSPECTOR					D.V.				
SECTION #															Temp.					10°				
STR#	Str. Ty	Approx. line angle	Pole Spec	Pole Length	Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	chgw	Insulator			Insulator			Struc. status		Co-ordinates	Comments					
										Type	Qty.	Material	Type	Qty.	Material	Ok	Fail							
		0-30	30-60	60-90	L			C	R															
383	0															✓			Arms and Insulators Replaced. 6 old Insulators at bottom of STR.					
3								Brook	8' wide									N45° 54 32.4 W60° 25 27.2						
384	0															✓			Arms & Insulators have been replaced. No line ID #					
								Wood Road up from Mineral Springs Road (Glen gerry Rd)											12 crates of old Insulators + 401 Poles at the wood Rd.					
								Gully Brook	2' wide									N45° 54 44.4 W60° 25 13.8						
385	0															X			Looks like the right X Arm is crack Not The Brace - ~~Re~~ Replace X Arm + Reinsulate. Scheduled 2010 Braces look OK from ground.					
386	0															X			Right X Brace split at Strain Plate Replace					

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																							
L- 7011															INSPECTION DATE			May 09					
SECTION NAME															INSPECTOR			D.B.1					
SECTION #															Temp.			12					
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments			
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material					Type	Qty.	Material
387	0																			Arms, Braces & Insulators Scheduled for 2010 to be replaced. Both Poles sound soggy			
388	0																			Work completed. Poles sounded soggy.			
389	0																			Arms & Insulators Replaced. old Insulator at bottom of STR. Right X Brace. Cracked some at the STRain plate. OK for now.			
390	0																			Arms & Insulators to be replaced 2010- also STR ID #			
391	0																			Arms & Insulators to be replaced 2010- 3 Disc Broke out of 14 on Left Phase			
Wood Road for Mineral Springs Rd (Glenagarry Rd)																							

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																				
DATA COLLECTION SHEET																				
L- 2961															INSPECTION DATE					
SECTION NAME															INSPECTOR					
SECTION #															Temp. 12					
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material	Type	Qty.	Material			
392	0																	X		Arms, Braces + Insulators to be replaced in 2010.
393	0																	X		Arms + Insulators to be replaced 2010. Poles sounding soggy
394	0																			Wood Road up from Mineral Springs Rd. (Glenagarry Rd.)
395	0																	X		Right Brace to be replaced 2010. Also staple Pole Ground on left Pole. Poles sound soggy
396	0																			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																				
L- 7011															INSPECTION DATE May 89					
SECTION NAME															INSPECTOR D.H.					
SECTION #															Temp. 15.					
STR#	Str. Type	Approx. line angle			Pole Spacing	Pole Length			Cond. Uct	Actual Gr. Clr.	Min. Gr. Clr.	span length meter	ohw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
		10-30	30-60	60-90		L	C	R						Type	Qty.	Material				
397	D																			Brace to be replaced 2510 = 4 old Insulators on ground.
398	D																			Broken Insulator at foot of Left Pole
399	D																			1 X Arms Looks rotten on the top of Arm. Replace 1-6. 1 Disc out of 10 Broke on Left Phase
400	D																			Brook 1' wide N45° 55' 55.2" W10° 23' 03.2" San
400	D																			Same as last inspection
401	D																			
402	D																			
402	D																			Arms + Insulators to be replaced 2010 (No change)

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																		
L- 7011 SECTION NAME														INSPECTION DATE May 09				
SECTION #														INSPECTOR J.H.				
Temp. 15																		
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material				
404	D															X		No changes. Work to be completed 2010
405	D															X	N45° W60°	No changes. Right X Brace to be replaced 2010. Right Pole hollow on one side.
406	D															✓		
407	D															✓		
408	D															X	N45° 56 33.3 W60° 26 52.2	Arms and Insulators to be replaced 2010 Right X Brace split at strain plate. Replace Brace also. Pole sounding soggy. 2 out of 14 Insulators Broken on the Centre Phase

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																			
L- 7811 SECTION NAME SECTION #															INSPECTION DATE May 09				
															INSPECTOR D.H.				
															Temp. 65				
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. uctor	Gr. Clr.	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
				L	C	R							Type	Qty.	Material				
409	0																		Arms & Insulators Replaced. Both Pole sound 80999. Old Disc at ft. of left Pole.
410	0																		Arms & Insulators to be replaced 2010 Install STR I.D. #
411	0																		
412	0																		Arms & Insulators to be Replaced 2010. Should be done 2009
413	0																		Arms, Braces & Insulators to be replace 2010 1 Disc out of 14 Broken on left Phase.
414	0																		STR Replaced.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7811															INSPECTION DATE			May 09	
SECTION NAME															INSPECTOR			D.A.	
SECTION #															Temp.			18	
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments		
				L	C	R						Type	Qty.	Material				Type	Qty.
415	0														X		Arms, Braces, Insulators to be replaced 2010		
416	0														X		Arms, and Insulators to be replaced 2010. Left X Brace split at Strain Plate. Replace Braces also. (The 2X Braces)		
417	0														✓				
																	Chapel Road		
418	0														✓				
419	0														X		8°C Have Poles Scheduled at 2010. 70' poles Rest of STR Replaced.		
420	0														X		Both X Braces cracked at Strain Plate Replace X Braces		

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																	
L- 7011 SECTION NAME SECTION #														INSPECTION DATE May 09 INSPECTOR D.A. Temp. 9			
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	chgw	Insulator			Struc. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material			
421	D														✓		
422	D														X		Arms & Insulators to be replaced 2010
423	D														X		STR to be replaced with 25' poles in 2010. Insulators have already been changed.
424	D														✓		Arms, Braces and Insulators have been replaced - 50lb Brown Insulators on ground.
425	D														✓		
426	D														✓		
427	K														✓		Work Completed

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																	
L- 7011														INSPECTION DATE May 09			
SECTION NAME														INSPECTOR D.B.			
SECTION #														Temp. 10			
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material			
428	0																Work completed.
429	0														X		No change Arms + Insulators to be replaced 2010. Right Pole sounds hollow on one side. Old Insulators at bottom of Left Pole.
430	0														X		1x Brace is cracked at strain plate on right side. Other Brace some weather cracks. Replace both X Braces. Arms, Insulators + ED th have been replaced.
431	0														X		Right X Brace cracked at strain plate. Replace X Brace. Right Pole has ant works and hollow on one side.

Wood Road

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																				
L- 7011															INSPECTION DATE May 09					
SECTION NAME															INSPECTOR Pelt					
SECTION #															Temp. 60					
STR#	Str. Ty	Approx. line			Pole Spec	Pole Length	Cond	Gr. Clr.	Min. Gr. Clr.	span leng.	ohgw	Insulator			Struc. status	Co-ordinates	Comments			
		ps	angle	ing								Type	Qty.	Material				Type	Qty.	Material
		10-30	30-50	50-90	L C R															
Old track around Swamp on side side of R.O.W.																				
432	0														X		Arms & Insulators to be replaced 2010.			
Bog																				
433	0														✓		Right Pole hollow on one side 7' up from ground.			
434	0														X		Same as last inspection Right Spar Split at End of X Brace. Replace X Brace			
435	0														✓		work completed.			
436	0														X		Arms & Insulators to be replaced 2009			
437	0														✓		Left Pole sounding Soggy			
438	0														X		Insulators to be replaced 2009			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE		May	09	
SECTION NAME															INSPECTOR		D.K.		
SECTION #															Temp.		7		
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material			
439	0																X		Arms + Insulators to be replaced 2009. Right X Brace split at Strain Plate Should be replaced also
440	0																X		1 X Brace to be replaced 2009 rest of work completed. Right Pole Hollow on one side
441	0																X		Arms + Insulator to be replaced 2009
441	0																X		Left Pole to be replaced + Reinsulate 2009
442	0																✓		
443	0																X		Arms + Insulators to be done 2009
444	0																X		Arms + Insulators to be replaced 2009.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																	
L- 7011															INSPECTION DATE May 09		
SECTION NAME															INSPECTOR P.H.		
SECTION #															Temp. 7		
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material			
444	0																
Cross over L- 7015																	
445	0														X		Arms & Insulators to be replaced.
3Ø Line Monkey Road																	
446	0														✓		Arm. & Insulators Replaced. Left Pole Hollow on one side.
447	0														✓		Work Completed
448	0														✓		STR Replaced 75' Poles
449	0														X		Arms and Insulators to be replaced 2009
450	0														X		Work to be Completed 2009
Brook 1.5' wide															N 46° 00 05.2 W 60° 15 59.8		

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																		
L- 2011															INSPECTION DATE May 09			
SECTION NAME															INSPECTOR R.H.			
SECTION #															Temp. 7			
STR#	Str. Type	Approx. line angle	Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material				
451	0	10-30	30-60	60-90														Arms & Insulators scheduled for 2009
																		Right Pole Hollow. Replace Pole
																		was reported last inspection
																		Right X Brace cracked Replace
																		Pole was put in 6-12
452	7																	STR to be reinsulated 2009
453	0																	Work Completed.
454	0																	Work Completed. old Insulators at bottom of STR.
455	0																	Left Pole ground Needs to be restaked from X Brace down.
Logging Road off Old Woodbine Road.																		

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																	
L- 2011															INSPECTION DATE		
SECTION NAME															INSPECTOR		
SECTION #															Temp. 7		
STR	Str. Ty	Approx. line angle	Pole Spec	Pole Length			Cond	Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material			
456	D														X		STR to be replaced 2010
457	D														X		Arms Insulator & L & Brace to be done 2010
458	D																
459	D														X		Arms & Insulators are Replaced. Left X Brace split at strain plate. Replace left X Brace. old Insulators on ground.
460	D														X		No changes, Arms, Insulators and ID th to be replaced 2010 (Should be done 2009)
461	D														X		Arms Insulators and 1 Brace Replaced. Now other Brace split at strain plate. Replace other Brace.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																		
L- 7011															INSPECTION DATE May 09			
SECTION NAME															INSPECTOR P.H.			
SECTION #															Temp. 8			
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
				L	C	R						Type	Qty.	Material				
462	0																	Arms, Insulators + 1 Brace to be replaced 2010.
																		old Wood Rd in str Old Workhorse Rd.
463	0																	Arms, Insulators + 1 Brace to be replaced 2010 The other X Brace has cracks on the end and should be replaced Also.
464	0																	
465	0																	New STR
																		Brook 1.5 wide
466	0																	N46° 01 35.6 W60° 14 11.6
467																		Right Brace to be replaced 2010. Insulators have already been changed and Arms

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																		
DATA COLLECTION SHEET																		
L- 7011												INSPECTION DATE May 09						
SECTION NAME												INSPECTOR DH						
SECTION #												Temp. 10.						
STR#	Str Ty	Approx. line angle	Pole Spacing	Pole Length	Cond uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator Type	Insulator Qty.	Insulator Material	Struc. status	Co-ordinates	Comments			
				L C R						Type	Qty.	Material	Type	Qty.	Material	Ok	Fail	
468	D	0-30/30-50/50-90																
469	D																	Work Completed-
470	D																	Arms, Insulators & 1 X Brace to be replaced 2010. Also STR ID #
471	D																	Work Completed-
472	D																	Wood Pecker hole right pole with Nest. Plug Hole
473	D																	Arms, Braces & Insulators to be changed 2010. Right Pole has ant activity and sounds hollow on one side
474	H																	STR Replaced-
Break 10' wide									N46° 02 29.5 W60° 13 02.6									

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																	
L- 7060												INSPECTION DATE May 09					
SECTION NAME												INSPECTOR D.16					
SECTION #												Temp. 20					
STR#	Str. Ty	Approx. line			Pole Spec	Pole Length	Cond	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		angle										Type	Qty	Material			
		10-30	30-50	50-90		L	C	R									
475	K														X		Insulators Have Been changed. The Big Deadend Washers Pulling through Pole some on all 3 Poles. Poles should be Replace and Higher because of the ground clearance. Dug & Turk were here at one time looking at STR. Most of Anchors buried and some Pre forms getting rusty. Should have Anchor extensions in this Swamp 12 Deadend guys & 3 side guys. and Replace Preforms.
476	D														X		Swamp Beaver Dam Brook 20' wide N46° 02 32.0 Brook just under Right Phase W60° 12 53.5 Arms & Insulators to be replaced 2010

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																					
L- 7011															INSPECTION DATE May 09						
SECTION NAME															INSPECTOR D.A.						
SECTION #															Temp. 20.						
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments	
				L	C	R						Type	Qty.	Material	Type	Qty.	Material				Ok
477	0																				Arms & Insulators to be replaced 2010 Also Left X Brace Cracked at Strain Plate. Replace this X brace Also
																					Brook 15' wide
478	0																				N46° 02 41.5 W60° 12 42.4 Work completed Left Pole Hollow (cribbed)
																					Marked Lane Access Wood Rd Brook 15' wide
479	0																				N46° 02 53.0 W60° 12 29.3 Left Pole Hollow & alot of Ant Activity Replace Pole #6 Arms & Insulators have been replaced.
																					Brook 1' wide
480	0																				N46° 02 55.1 W60° 12 26.8 Arms, Insulators and STR ID to be replaced 2010
481	0																				X Arms, Insulators & 1 X Brace Replaced The Right X Brace is Split now (Replace)

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																			
L- 7011												INSPECTION DATE		May 09					
SECTION NAME												INSPECTOR		D.H					
SECTION #												Temp.		17					
STR#	Str. Type	Approx. line angle			Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgwl	Insulator			Struc. status	Co-ordinates	Comments
		10-30	30-60	60-90		L	C	R						Type	Qty.	Material			
482	K	Driveway in from Hwy 347																	Insulators to be replaced 2010
483	K																		No change from last inspection Deadend Insulators to be replaced 2010
484	D																		X Arms, Insulators and line ID # to be replaced 2010
485	D																		Arms & Insulators to be replaced 2010 Also Both X Braces are cracked at the Strain Plates. The Right is worse than Left. Replace Both X Braces Also Left Pole has ground line rot. Hammer punching through. Replace 70' Pole. Also

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																								
L-7011															INSPECTION DATE					May 09				
SECTION NAME															INSPECTOR					P.H.				
SECTION #															Temp.					10				
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length			Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments				
				L	C	R						Type	Qty.	Material	Type	Qty.	Material				Ok	Fail		
486	0																		N 46° 03' 28.4" W 60° 11' 54.2"					
486	0																	X		No change. Replace Left & Arm + insulate 2010				
487	0																	X		Arms + Insulators Replaced. Both X Braces Cracked at Strain Plate. Right one worst than Left. Replace				
488	0																	X		No change. Arms + Insulators to be replaced 2010				
489	0																			Lake Front Road 10 RE Work Completed. Should have New Line ID#				
490	0																			Work Completed. Line ID# Installed. No STR ID# old Poles Left at STR.				

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																			
DATA COLLECTION SHEET																			
L- 7811															INSPECTION DATE May 09				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp. 10.				
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		0-30	30-60	60-90		L	C	R						Type	Qty.	Material			
491	0																		Work Completed.
492	0																		Arm Spars all Cracked on the Ends Replace Arm Spars + Reinsulate.
493	0																		Arms, Braces + Insulators to be replaced in 2010
494	0																		Work Completed.
495	0																		Arms + Insulator to be replaced 2010.
496	0																		Brook 4' wide N 46° 04' 30.6 W 60° 10' 39.2
497	0																		Arms + Insulators Replaced Tight X Brace Split at strain plate. (Replace)

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT																
DATA COLLECTION SHEET																
L- 2011														INSPECTION DATE June 09		
SECTION NAME														INSPECTOR V.H.		
SECTION #														Temp. 12		
STR#	Str Ty	Approx. line angle	Pole Spec ing	Pole Length	Cond uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
										Type	Qty.	Material				
		0-30	30-60	60-90	L C R											
502	D													X		Arms + Insulators to be replaced 2010 Left Pole Hollow. Right Pole full of Ant at Rotten at grd. level. Replace the STA Complete
503	D													✓		
504	D													X		Arms Insulators and 1 X Brace to be replaced 2010
505	D													X		Arms + Insulators were replaced Now Left X Brace Split at the Strait Plate. Replace X Brace
506	D													X		Arms + Insulators to be replaced 2010

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Here crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																		
L- 7011															INSPECTION DATE June 09			
SECTION NAME															INSPECTOR D.H.			
SECTION #															Temp. 15			
STR#	Str. Ty	Approx. line angle	Pole Specifying	Pole Length	Cond. Uctor	Actual Gr. Cir.	Min. Gr. Cir.	span leng. meter	ohgw	Insulator			Insulator			Struc. status	Co-ordinates	Comments
										Type	Qty.	Material	Type	Qty.	Material			
512	0																	Arms & Insulators Replaced. Right Pole sounds Hollow and Ant activity
513	0																	Work Completed
514	0																	STR to be Replaced 2009.
515	0																	
516	0																	Work Completed. Ant activity in Left Pole & Sounds hollow
517	0																	Arms & Insulators to be replaced 2009.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																				
L- 7011														INSPECTION DATE June 09						
SECTION NAME														INSPECTOR V.H.						
SECTION #														Temp. 15						
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
		0-30	30-50	60-90		L	C	R						Type	Qty.	Material				
518	O																	X		Arms & Insulators to be replaced 2009 Left Pole rotten at grd level and lot of Ant activity Repair Left Pole Reported to (Doug June 1st)
519	O																	✓		
519	O																	✓		Work Completed.
520	O																	X		Arms Insulators & SIR ID to be replaced 2009
521	M																	X		Left Pole to be replaced 2009 2 guys to be repulled on SW Centre & Right Pole.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																			
L- 2011															INSPECTION DATE June 09				
SECTION NAME															INSPECTOR D.H.				
SECTION #															Temp. 18				
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Conductor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments
		10-30	30-60	60-90		L	C	R						Type	Qty.	Material			
522	0																	Arms + Insulators to be done 2009	
523	0																	Arms + Insulators to be replaced 2009	
Cow Bay Rd.																			
524	0																		
525	0																		
526	0																	Arms + Insulators to be replaced 2009	
527	0																	Arms, Insulators + 1 bracket to be replaced 2009	
528	0																	Work Completed	
529	0																	Arms + Insulators to be replaced 2009	

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																			
L- 7011															INSPECTION DATE June 09				
SECTION NAME															INSPECTOR P.H				
SECTION #															Temp. 15				
STR#	Str. Ty	Approx line angle	Pole Spacing	Pole Length			Cond	Gr. uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
				L	C	R							Type	Qty.	Material				
530	0																		STR. to be replaced with 70' Poles And STRIP
531	0																		Arms & Insulators were replaced But The Poles were not replaced. Shows on Data sheet work Complete. STR. was to be replaced. (Low Conductor)
532	0																		Arms, Insulators and 1 Pole replaced. STR was to be replaced with 75' Poles Ants. in right Pole, Hollow and wide Cracks. Pole to be replaced - Clearance Issue (Low Conductor)
533	0																		OHGW Deadend. Arms & Insulators to be replaced 2009

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																			
L-7014										INSPECTION DATE June 09									
SECTION NAME										INSPECTOR P.H.									
SECTION #										Temp. 15									
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struct. status	Co-ordinates	Comments
						L	C	R						Type	Qty.	Material			
534	O	0-30	30-60	60-90									✓						New STR.
535	O												✓						New STR
536	O												✓						New STR.
537	O												✓			X			STR to be replaced with 75' Poles in 2010
538	O												✓			X			STR. to be replaced with 75' Poles 2010 (low Conductor)
539	K												✓			X			No change in STR. Cracked Insulators to be replaced 2010. Side guys a little slack.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																				
L- 7011														INSPECTION DATE June 09						
SECTION NAME														INSPECTOR P.H.						
SECTION #														Temp. 20i						
STR#	Str. Ty	Approx. line angle			Pole Spacing	Pole Length			Cond	Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Struc. status	Co-ordinates	Comments
		pe	angle			L	C	R						Type	Qty.	Material				
553	R																			Tower legs in water and have a rust coating
554	R																			Tower legs in water with a rust coating on them.
555	R																			
556	R																			
557	R																			1 Piece of Angle Steel Bent where it Bolts to the square Plate at center of STR on the longer side. This piece goes from the square Plate down to the left leg of tower.
558	✓																			

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																	
L- SECTION NAME															INSPECTION DATE		
SECTION#															INSPECTOR		
															Temp.		
STR#	Str. Ty	Approx. line angle	Pole Spacing	Pole Length	Cond. factor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Struc. status	Co-ordinates	Comments		
										Type	Qty.	Material					
		0-30	30-60	60-90	L	C	R										
559	R																
								River	20' wide								
560	R																
								Lingan Road									
561	S																
								Brook	8' wide								
562	R																
563	R																
564	R																
								Waterford Lake Rd	Livingston Rd								
565	S																
								Old Race Track	Brook	3' wide							

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE REPORT DATA COLLECTION SHEET																												
L- 7011															INSPECTION DATE June 09													
SECTION NAME															INSPECTOR Delt													
SECTION #															Temp. 10													
STR	Type	Approx. line angle			Pole Spacing	Pole Length			Cond. Uctor	Actual Gr. Clr.	Min. Gr. Clr.	span leng. meter	ohgw	Insulator			Insulator	Type	Qty.	Material	Type	Qty.	Material	Ok/Fail	Struc. status	Co-ordinates	Comments	
		0-30	30-50	50-90		L	C	R						Type	Qty.	Material												Type
573	R																											
574	S																											No change from last inspection
575	R																											No change from last inspection. Broken Insulator to be replaced 2010
576	R																											Angle Steel still heart 'OK' 1 Insulator out of 18 Broke on the bottom phase
577	R																											No change from last inspection The 2 Legs on Left side of STR Has some rust at the bottom Shiny Has to be removed on Old G.W. Install New ID #
578	S																											
Substation																												

Where crossings occur such as roads, lines, water etc. Leave a row between appropriate structures to allow identification of crossings. Use reverse of sheet for additional comments/sketches as required.

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES

PAGE 1 OF 1

(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	09/09	LINE NO.	7611	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Porter	CONDUCTOR	295	OHW		RETREATMENT		ROW WIDTH	
STR. NO.	6	STR. TYPE	K	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	
INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT			
WOOD FRAME STR.	INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-5 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY	
PLUMBNESS									
GL ROT									
TOP ROT									
CAP									
WOODPECKER HOLES									
INSECT DAMAGE									
LIGHTNING STRIKE									
BONDING/GROUNDING									
GL EROSION									
GL VEGETATION									
DRAINAGE									
SPACERS									
CRACKED									
BROKEN									
TWISTED									
ARMISERS									
CRACKED									
BROKEN									
TWISTED									
PULLEYS									
RUSTED									
BROKEN									
BENT									
ANCHORAGES									
GUYS									
PREFORMS									
ANCHOR RODS									
ANCHOR LOSS									
INSULATORS									
GLASS									
PORCELAIN									
LINEPOST									
SYNTHETIC									
NOISE									
CLAMP									
ICE									
UPLIFT									
CLAMPS									
HEADEND									
REFORM									
CORDONNETS									
VIBRATION DAMPERS									
LOCKBRIDGE/TORSIONAL									
MISSING WEIGHT									
HOOPING									

2nd STR out from Port Hastings Substation

Bridge guy on the north side of STR. Brake off at red. This is on left Pole. Repull guy and install new pre form grip.

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES

PAGE 2 OF 2

(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	April 09	LINE NO.	7011	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Horton	CONDUCTOR	157	OHGW		RETREATMENT		ROW WIDTH	
STR. NO.	157	STR. TYPE	0	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	
WOOD FRAME STR.		INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT	
		INSPECTION METHOD	INSPECTION TOOL	48 HRS 1 MTH	1-5 MTHS	5-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS									
GL ROT									60' Poles
TOP ROT									N 45° - 40 - 19.2
CAP									W 60° 58 00.6
WOODPECKER HOLES									
INSECT DAMAGE									
LIGHTNING STRIKE									
BONDING/GROUNDING									
GL EROSION									
GL VEGETATION									
DRAINAGE									
X-RAYS									
CRACKED									X Arm Spare Cracked. Replace Both X Arms
BROKEN									
TWISTED									
X-RAYS									
CRACKED									
BROKEN									
TWISTED									
X-RAYS									
RUSTED									
BROKEN									
BENT									
X-RAYS									
GUYS									
PREFORMS									
ANCHOR RODS									
ANCHOR LOGS									
X-RAYS									
GLASS									
PORCELAIN									Also Replace Insulators
LINEPOST									
SYNTHETIC									
NOISE									
CLAMP									Access is off the Sporting Mountain Road
TE									River Access
LIFT									
X-RAYS									
HEADEND									
REFORM									
X-RAYS									
VIBRATION DAMPERS									
TUCKBRIDGE/TORSIONAL									
MISSING WEIGHT									
ROOPING									

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES

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(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	May 09	LINE NO.	7611	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Horner	CONDUCTOR	795	OHGW		RETREATMENT		ROW WIDTH	
STR. NO.	198	STR. TYPE	K	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	

INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING					COMMENT	
WOOD FRAME STR.	INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-6 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS								76' Poles
GL ROT								N45° - 40 - 00.6
TOP ROT								W 60° - 50 - 55.8
CAP								Beaver Narrows on East side
WOODPECKER HOLES								
INSECT DAMAGE								Left Pole sounding very hollow. Replace Pole.
LIGHTNING STRIKE								
BONDING/GROUNDING								This is the Deadend STR after the Tower on the
GL EROSION								East side of Beaver Narrows.
GL VEGETATION								
DRAINAGE								
BRACE/STAYS								
CRACKED								
BROKEN								
TWISTED								
ARMIS/SPARS								
CRACKED								
BROKEN								
TWISTED								
P/STAYS								
RUSTED								
BROKEN								
BENT								
ANCHORAGES								
GUYS								
P/REFORMS								
ANCHOR RODS								
ANCHOR LOGS								
P/STAYS								
CLASS								
PORCELAIN								
LINEPOST								
SYNTHETIC								
JOISE								
CLAMP								
IE								
PLIFT								
CLAMPS								
HEADEND								
REFORM								
CORONATIONS								
VIBRATION DAMPERS								
LOCKBRIDGE/TORSIONAL								
SSING WEIGHT								
LOOPING								

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES

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(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	May 09	LINE NO.	7011	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Horton	CONDUCTOR	295	OHW		RETREATMENT		ROW WIDTH	
STR. NO.	267	STR. TYPE	0	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	

INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING					COMMENT	
WOOD FRAME STR.	INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-5 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS								
GL ROT								75' Poles
TOP ROT								N 45° - 44 - 06.2
CAP								W 60° - 40 - 37.8
WOODPECKER HOLES								
INSECT DAMAGE								
LIGHTNING STRIKE								
BONDING/GROUNDING								
GL EROSION								
GL VEGETATION								
DRAINAGE								
X-BRACE SPARS								
CRACKED								
BROKEN								
TWISTED								
X-ARM SPARS								
CRACKED				✓				Strain Plates on end of X Arms sinking into X Arms
BROKEN								Replace both X Arms and Also Replace Insulators
TWISTED								
ANCHOR RODS								
RUSTED								
BROKEN								
BENT								
ANCHOR LOGS								
GUYS								Access is a Logging Road off Mac Nabs Road.
PREFORMS								Mac Nabs Road is off Lock Lomond West Road.
ANCHOR RODS								
ANCHOR LOGS								
INSULATORS								
GLASS								
PORCELAIN								
LINEPOST								
SYNTHETIC								
MOUSE								
CLAMP								
IE								
PLIFT								
CLAMPS								
HEADEND								
REFORM								
CORONA RING								
VEGETATION DAMPERS								
LOCKBRIDGE/TORSIONAL								
SSING WEIGHT								
LOOPING								

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES

(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	May-07	LINE NO.	2011	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Horner	CONDUCTOR		OHGW		RETREATMENT		ROW WIDTH	
STR. NO.	276	STR. TYPE	0	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	
		INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT	
WOOD FRAME STR.		INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-6 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS									65 poles
GL ROT									N 45° - 44 - 52.2
TOP ROT									
CAP									W 60° - 39 - 34.2
WOODPECKER HOLES									
INSECT DAMAGE									
LIGHTNING STRIKE									Poles are sounding Sappy
BONDING/GROUNDING									
GL EROSION									
GL VEGETATION									
DRAINAGE									
XBRACE/SPARS									
CRACKED					✓				Arm Spars have alot of weather cracks. Replace Both Spars
BROKEN									
TWISTED									
XARM/SPARS									
CRACKED									
BROKEN									
TWISTED									
HARDWARE									
RUSTED									
BROKEN									
BENT									
ANCHORAGES									
GUYS									
PREFORMS									
ANCHOR RODS									
ANCHOR LOGS									
INSULATORS									
GLASS									
PORCELAIN					✓				Replace old Brown Insulators.
LINEPOST									
SYNTHETIC									
NOISE									Access is the first logging road in on the McNeke Road
CLAMP									off Leckemond West Rd.
TIE									
UPLIFT									
CLAMPS									
DEADEND									
PREFORM									
CORONA RING									
VIBRATION DAMPERS									
STOCKBRIDGE/TORSIONAL									
MISSING WEIGHT									
DROOPING									

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES
(STR SCHEDULE & STD DWGS TO BE PROVIDED)

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DATE	May 09	LINE NO.	7011	WIND SPEED & DIR		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Forster	CONDUCTOR	795	OHGW		RETREATMENT		ROW WIDTH	
STR. NO.	277	STR. TYPE	2	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	
INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT			
WOOD FRAME STR.	INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-5 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY	
PLUMBNESS									
GL ROT									
TOP ROT									
CAP									
WOODPECKER HOLES									
INSECT DAMAGE									
LIGHTNING STRIKE									
BONDING/GROUNDING									
GL EROSION									
GL VEGETATION									
DRAINAGE									
POLE SECTIONS									
CRACKED									
BROKEN									
TWISTED									
ARM SECTIONS									
CRACKED									
BROKEN									
TWISTED									
LEG SECTIONS									
RUSTED									
BROKEN									
BENT									
ANCHORAGES									
GUYS									
PREFORMS									
ANCHOR RODS									
ANCHOR LOGS									
INSULATORS									
GLASS									
PORCELAIN									
LINEPOST									
SYNTHETIC									
VOISE									
CLAMP									
TE									
UPLIFT									
CLIMBERS									
HEADEND									
REFORM									
GROUNDWIRE									
VEHICLE DAMAGERS									
TOCKBRIDGE/TORSIONAL									
MISSING WEIGHT									
ROOPING									

The right pole looks rotten at the Deadend bolts. The pole also sounds very soggy. Replace 65' pole.

The Insulators were to be replaced 2007 But was not done. Insulators are at STR.

Hecess is a logging Road off McNabs Road which is off Loch Lomond West Rd. 4' wide track to cross.

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[illegible]

(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	LINE NO.	WIND SPEED & DIR.	AIR TEMP.	AGE			
NAME OF INSPECTOR	CONDUCTOR	OHGW	RETREATMENT	ROW WIDTH			
STR. NO.	STR. TYPE	EASTING / NORTHING	DIGITAL PHOTO	ACCESS			
283	785	0					
INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT	
INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-5 MTHS	5-12 MTHS	1-4 YEARS	FLAGGED TO ENCRG	DESCRIPTION OF DEFICIENCY
WOOD-FRAME STR.							
PLUMBNESS							
GL ROT							20' Poles
TOP ROT							N 45° 45' - 31.2
CAP							W 60° - 38' - 42.4
WOODPECKER HOLES							
INSECT DAMAGE							
LIGHTNING STRIKE							
BONDING/GROUNDING							
GL EROSION							
GL VEGETATION							
DRAINAGE							
SPRINKLERS							
CRACKED							
BROKEN							
WISTED							
ARMISERS							
CRACKED							
ROKEN							
WISTED							
ARMISERS							
USTED							
ROKEN							
ENT							
ANCHORAGES							
JYS							
REFORMS							
ANCHOR RODS							
ANCHOR LOGS							
REFLECTORS							
ASS							
RCELAIN							
EPOST							
NTHETIC							
ISE							
UMP							
IFT							
CLAMPS							
DEND							
FORM							
CORONA REC							
VIBRATION DAMPERS							
CKBRIDGE/TORSIONAL							
ING WEIGHT							
DPING							

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES

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(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	May 09	LINE NO.	2011	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. K. Forster	CONDUCTOR	295	OHGW		RETREATMENT		ROW WIDTH	
STR. NO.	284	STR. TYPE	0	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	

INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING					COMMENT	
WOOD FRAME STR.	INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-5 MTHS	5-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS								
GL ROT								
TOP ROT								
CAP								
WOODPECKER HOLES								
INSECT DAMAGE								
LIGHTNING STRIKE								
BONDING/GROUNDING								
GL EROSION								
GL VEGETATION								
DRAINAGE								
X BRACE STARS								
CRACKED				✓				X Brace split at the Strain Plate on the left side.
BROKEN								
TWISTED								
X ARM STARS								
CRACKED				✓				A lot of cracks in the X Arms. Replace X Arms, X Braces and re-insulate.
BROKEN								
TWISTED								
TOWER								
RUSTED								
BROKEN								
BENT								
ANCHORAGES								
GUY								
PREFORMS								
ANCHOR RODS								
ANCHOR LOGS								
INSULATORS								
GLASS				✓				
PORCELAIN								
LINE POST								
SYNTHETIC								
MOUSE								
LAMP								Access is a Logging Road off Mc Nabs Road.
W								
PLIFT								
CHAINS								
HEADEND								2 Brackets to cross. 1 2' wide and the other is
REFORM								1' wide.
CORONARIES								
VIBRATION DAMPERS								
DOCK BRIDGE TORSIONAL								
SSING WEIGHT								
DOOPING								

(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	May 09	LINE NO.	2011	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Horton	CONDUCTOR		OHGW		RETREATMENT		ROW WIDTH	
STR. NO.	286	STR. TYPE	D	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	
		INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT	
WOOD FRAME STR.		INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-6 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS									
GL ROT					✓				Poles sounding very hollow and soggy. Replace both poles
TOP ROT									And X Braces. Arms & Insulators scheduled 2009
CAP									65' poles here now
WOODPECKER HOLES									
INSECT DAMAGE									
LIGHTNING STRIKE									
BONDING/GROUNDING									
GL EROSION									
GL VEGETATION									
DRAINAGE									
XBRACE/SPARS									
CRACKED									Access 2 STR's West of where The Line Crosses
BROKEN									The Loch Lomond Road
TWISTED									1 Brace to cross 4' wide
XARM/SPARS									
CRACKED									
BROKEN									
TWISTED									
HARDWARE									
RUSTED									N 45° - 45 - 51.0
BROKEN									Page 23 - Y 5
BENT									W 60° - 38 - 22.2
ANCHORAGES									
GUYS									
PREFORMS									
ANCHOR RODS									
ANCHOR LOGS									
INSULATORS									
JASS									
PORCELAIN									
LINEPOST									
SYNTHETIC									
NOISE									
CLAMP									
TIE									
UPLIFT									
CLAMPS									
DEADEND									
PREFORM									
CORONA RING									
VIBRATION DAMPERS									
STOCKBRIDGE/TORSIONAL									
MISSING WEIGHT									
DROOPING									

$\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2}$
 $\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{2}$

DATE	LINE NO.	CONDUCTOR	WIND SPEED & DIR.	AIR TEMP.	AGE
NAME OF INSPECTOR	COND.	OHWG	RETREATMENT	ROW WIDTH	
STR. NO.	STR. TYPE	EASTING / NORTHING	DIGITAL PHOTO	ACCESS	
MAY 09	7011				
J. HORTON					
382	0				
WOOD FRAME STR.	INSPECTION TOOL, METHOD, AND RESULT	PRIORITIZING	COMMENT		
	INSPECTION METHOD	INSPECTION TOOL	DESCRIPTION OF DEFICIENCY		
PLUMBNESS					
GL ROT					
TOP ROT					
CAP					
WOODPECKER HOLES					
INSECT DAMAGE					
LIGHTNING STRIKE					
BONDING/GROUNDING					
GL EROSION					
GL VEGETATION					
DRAINAGE					
X-ARM SPARS					
CRACKED					
BROKEN					
TWISTED					
X-ARM SPARS					
CRACKED					
BROKEN					
TWISTED					
SPREADERS					
RUSTED					
BROKEN					
BENT					
ANCHORAGES					
GUY					
REFORMS					
ANCHOR RODS					
ANCHOR LOGS					
ISOLATORS					
CLASS					
PORCELAIN					
LINEPOST					
SYNTHETIC					
COISE					
LAMP					
EI					
PLIFT					
CLIMBERS					
HEADEND					
REFORM					
CORONA RING					
TRIPPER PANDERS					
LOCKBRIDGE/TORSIONAL					
SSING WEIGHT					
POPING					

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES

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(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	May 09	LINE NO.	2011	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Porter	CONDUCTOR	795	OHGW		RETREATMENT		ROW WIDTH	
STR. NO.	399	STR. TYPE	D	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	
WOOD FRAME STR.		INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT	
		INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-6 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS									
GL ROT									65' poles
TOP ROT									N48° - 55 - 52.8
CAP									N60° - 23 - 07.2
WOODPECKER HOLES									
INSECT DAMAGE									
LIGHTNING STRIKE									
BONDING/GROUNDING									
GL EROSION									
GL VEGETATION									
DRAINAGE									
X-RAYS									
CRACKED									
BROKEN									
TWISTED									
X-RAYS									
CRACKED									1 X Arm Spur looks rotten on top of the Arm
BROKEN									Replace 1 X Arm Also Reinsulate
TWISTED									
X-RAYS									
RUSTED									
BROKEN									
BENT									
ANCHORAGES									
GUYS									Access is in on the Glengarry Rd from Big Pond.
PREFORMS									Keep straight out pass where the lines cross the road.
ANCHOR RODS									
ANCHOR LOGS									
INSULATORS									
GLASS									Till you come to the old bridge that is not passable.
PORCELAIN									Can Bridge Break beside Bridge. Take the first wood
LINEPOST									road on left after bridge
SYNTHETIC									
NOISE									
CLAMP									
TE									
JULFT									
CLAMPS									
HEADEND									
REFORM									
CORONARYS									
VIBRATION DAMPERS									
T OCKBRIDGE/TORSIONAL									
ISSING WEIGHT									
ROOPING									

[illegible]

09 LINE NO. 2011 WIND SPE

DATE	LINE NO.	WIND SPEED & DIR.	AIR TEMP.
NAME OF INSPECTOR	CONDUCTOR	OHW	RETREATMENT
STR. NO.	STR. TYPE	EASTING / NORTHING	DIGITAL PHOTO
AGE	ROW WIDTH	ACCESS	
MAY 09 D. Porter	7011 795		
430, 431	0		
INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING	COMMENT
WOOD FRAME STR.	INSPECTION METHOD	INSPECTION TOOL	DESCRIPTION OF DEFICIENCY
PLUMBNESS		48 HRS- 1 MTH	1-6 MTHS
GL ROT		6-12 MTHS	1-4 YEARS
TOP ROT			FLAGGED TO ENGRG
CAP			
WOOD PECKER HOLES			
INSECT DAMAGE			
LIGHTNING STRIKE			
BONDING/GROUNDING			
GL EROSION			
GL VEGETATION			
DRAINAGE			
X BRACES			
CRACKED			
BROKEN			
TWISTED			
X BRISERS			
CRACKED			
BROKEN			
TWISTED			
X BUSHES			
USTED			
ROKEN			
ENT			
X ANCHORS			
JUYS			
REFORMS			
NCHOR RODS			
NCHOR LOGS			
X ISOLATORS			
ASS			
RCELAIN			
EPPOST			
NTHETIC			
ISE			
AMP			
LIFT			
CLAMPS			
DEND			
FORM			
GORDON RING			
FLEXION DAMPERS			
CKBRIDGE/TORSIONAL			
ING WEIGHT			
OPING			

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES
(ISTR SCHEDULE & STD DWGS TO BE PROVIDED)

PAGE 1 OF 1

DATE	May 09	LINE NO.	7011	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Fortner	CONDUCTOR	795	OHGW		RETREATMENT		ROW WIDTH	
STR. NO.	451	STR. TYPE	G D	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	
		INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT	
WOOD FRAME STR.		INSPECTION METHOD	INSPECTION TOOL	48 HRS 1 MTH	1-5 MTHS	5-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS									
GL ROT									N46°-00-09.0
TOP ROT									W60°-15-57.0
CAP									
WOODPECKER HOLES									
INSECT DAMAGE					✓				Right Pole Hollow with Ant Damage Replace 60' Pole.
LIGHTNING STRIKE									
BONDING/GROUNDING									
GL EROSION									
GL VEGETATION									
DRAINAGE									
ARM BRACES									
CRACKED					✓				Right C Brace Cracked at Strain Plate Replace C Brace.
BROKEN									
TWISTED									
ARM BRACES									
CRACKED									
BROKEN									
TWISTED									
ARM BRACES									
RUSTED									
BROKEN									
BENT									
ANCHORAGES									
GUYS									ACCESS ON Old Woodbine Rd. This is just
PREFORMS									Post the Woodbine Substation on Left.
ANCHOR RODS									
ANCHOR LOGS									
INSULATORS									
GLASS									
PORCELAIN									
LINEPOST									
SYNTHETIC									
MOISE									
CLAMP									
TE									
PUFT									
CLAMPS									
HEADEND									
REFORM									
CORONARIES									
VIBRATION DAMPERS									
CLOCKBRIDGE/TORSIONAL									
SSING WEIGHT									
HOOPING									

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES
(STR SCHEDULE & STD DWGS TO BE PROVIDED)

PAGE 1 OF 1

DATE	May 09	LINE NO.	7011	WIND SPEED & DIR		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Horton	CONDUCTOR	795	OHGW		RETREATMENT		ROW WIDTH	
STR. NO.	459, 461	STR. TYPE	3.0	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	
WOOD FRAME STR		INSPECTION TOOL, METHOD, AND RESULT	PRIORITIZING				COMMENT		
		INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-5 MTHS	5-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS									70' Poles
GL ROT									N 46-00-57.6
TOP ROT									W 60-14-57.6
CAP									
WOODPECKER HOLES									
INSECT DAMAGE									
LIGHTNING STRIKE									
BONDING/GROUNDING									
GL EROSION									
GL VEGETATION									
DRAINAGE									
BRACES									
CRACKED									Left X Brace split at Bolts at the strain plate.
BROKEN									Replace X Brace
TWISTED									
BRACES									
CRACKED									
BROKEN									
TWISTED									
BRACES									
RUSTED									
BROKEN									
BENT									
ANCHORAGES									
GUYS									Access is off the Old Woodbine Road which is just
PREFORMS									Poss the Woodbine Substation on the Main Road
ANCHOR RODS									
ANCHOR LOGS									
ISOLATORS									
GLASS									
PORCELAIN									
LINEPOST									STR 461
SYNTHETIC									N 46-01-16.8
LOOSE									70' Poles
LAMP									W 60-14 NAD
IE									Replace Left X Brace
PLIFT									
BRACES									
HEADEND									Same Access as STR 459
REFORM									Wood Road off Old Woodbine
CORONA RING									Found
VIBRATION DAMPERS									
LOCK BRIDGE/TORSIONAL									
SSING WEIGHT									
COOPING									

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES

(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	May 09	LINE NO.	7011	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Korf	CONDUCTOR	795	OHGW		RETREATMENT		ROW WIDTH	
STR. NO.	478, 479	STR. TYPE	0	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	
WOOD-FRAME STR.		INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT	
		INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-5 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS									
GL ROT									
TOP ROT									
CAP									
WOODPECKER HOLES									
INSECT DAMAGE									
LIGHTNING STRIKE									
BONDING/GROUNDING									
GL EROSION									
GL VEGETATION									
DRAINAGE									
X-RAYS									
CRACKED									
BROKEN									
TWISTED									
X-RAYS									
CRACKED									
BROKEN									
TWISTED									
X-RAYS									
RUSTED									
BROKEN									
BENT									
ANCHORAGES									
GUYS									
PREFORMS									
ANCHOR RODS									
ANCHOR LOGS									
INSULATORS									
GLASS									
PORCELAIN									
LINEPOST									
SYNTHETIC									
GLASS									
LAMP									
E									
LIFT									
GLASS									
HEADEND									
REFORM									
CORONAVIRUS									
VIBRATION DAMPERS									
DOCKBRIDGE/TORSIONAL									
SSING WEIGHT									
COOPING									

The left pole on STR 478 Very hollow and is Cribbed. Replace 70' Pole. N-46'-02 46.8 W-60'-12-36.6

Access for 478 is Marchand Lane off Hwy 327 Dutch Brook

STR 479 The left pole is very hollow and alot of Ant Activity. Replace 75' pole. N 46-02 53.4 W 60-12 28.8

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES
(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	May 09	LINE NO.	7011	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Korte	CONDUCTOR	745	OHGW		RETREATMENT		ROW WIDTH	
STR. NO.	487	STR. TYPE	D	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	
WOOD FRAME STR.		INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT	
		INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-6 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS									
GL ROT									65' Poles
TOP ROT									N 46° - 03 - 38.4
CAP									W 60° - 11 - 42.0
WOODPECKER HOLES									
INSECT DAMAGE									
LIGHTNING STRIKE									
BONDING/GROUNDING									
GL EROSION									
GL VEGETATION									
DRAINAGE									
XBRACE/SPARS									
CRACKED					✓				Both X Braces Cracked at STRAIN Plate. Replace Both
BROKEN									X Braces.
TWISTED									
XARM/SPARS									
CRACKED									
BROKEN									
TWISTED									
XHARDWARE									
RUSTED									Access is where line crosses Lake Front Road
BROKEN									8 ft of Hwy 347 Caribou Marsh.
BENT									
XANCHORAGES									
GUYS									
PREFORMS									
ANCHOR RODS									
ANCHOR LOGS									
XINSULATORS									
GLASS									
PORCELAIN									
LINEPOST									
SYNTHETIC									
NOISE									
CLAMP									
TIE									
UPLIFT									
XCLAMPS									
DEADEND									
PREFORM									
XCORONA RING									
XVIBRATION DAMPERS									
STOCKBRIDGE/TORSIONAL									
MISSING WEIGHT									
DROOPING									

PAGE _____ OF _____

29	LINE NO.	7011	WIND SPE
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DATE	LINE NO.	WIND SPEED & DIR.	AIR TEMP.	AGE
NAME OF INSPECTOR	CONDUCTOR	OHGW	RETREATMENT	ROW WIDTH
STR. NO.	STR. TYPE	EASTING / NORTHING	DIGITAL PHOTO	ACCESS
INSPECTION TOOL, METHOD, AND RESULT				
PRIORITIZING				
COMMENT				
WOOD FRAME STR.	INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-6 MTHS
			6-12 MTHS	1-4 YEARS
			FLAGGED TO ENGRG	
DESCRIPTION OF DEFICIENCY				
PLUMBNESS				
GL ROT				
TOP ROT				
CAP				
WOODPECKER HOLES				
INSECT DAMAGE				
LIGHTNING STRIKE				
BONDING/GROUNDING				
GL EROSION				
GL VEGETATION				
DRAINAGE				
XBRACE/SPARS				
CRACKED				
BROKEN				
TWISTED				
XARM/SPARS				
CRACKED				
BROKEN				
TWISTED				
HARDWARE				
RUSTED				
BROKEN				
BENT				
ANCHORAGES				
GUYS				
PREFORMS				
ANCHOR RODS				
ANCHOR LOGS				
INSULATORS				
GLASS				
PORCELAIN				
LINEPOST				
SYNTHETIC				
NOISE				
CLAMP				
TIE				
UPLIFT				
CLAMPS				
DEADEND				
PREFORM				
CORONA RING				
VIBRATION DAMPERS				
STOCKBRIDGE/TORSIONAL				
MISSING WEIGHT				
DROOPING				

(ISTR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	LINE NO.	WIND SPEED & DIR	AIR TEMP.	AGE				
NAME OF INSPECTOR	CONDUCTOR	OHGW	RE TREATMENT	ROW WIDTH				
STR. NO.	STR. TYPE	EASTING / NORTHING	DIGITAL PHOTO	ACCESS				
May 09	2011							
J. Porter	785							
497	0							
INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT		
WOOD FRAME STR.	INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-5 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS								65' poles
GL ROT								N 46° - 04 - 40.2
TOP ROT								W 60° - 10 - 27.0
CAP								
WOODPECKER HOLES								
INSECT DAMAGE								
LIGHTNING STRIKE								
BONDING/GROUNDING								
GL EROSION								
GL VEGETATION								
DRAINAGE								
X-BRACES								
CRACKED								The right X brace is split at the strain plate.
BROKEN								Replace X brace
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								
CRACKED								
BROKEN								
TWISTED								
X-BRACES								

TRANSMISSION LINE INSPECTION PROGRAM: WOODFRAME STRUCTURES
(STR SCHEDULE & STD DWGS TO BE PROVIDED)

DATE	June 09	LINE NO.	7011	WIND SPEED & DIR.		AIR TEMP.		AGE	
NAME OF INSPECTOR	J. Horton	CONDUCTOR	295	OHSW		RETREATMENT		ROW WIDTH	
STR. NO.	502	STR. TYPE	0	EASTING / NORTHING		DIGITAL PHOTO		ACCESS	
WOOD FRAME STR.		INSPECTION TOOL, METHOD, AND RESULT		PRIORITIZING				COMMENT	
		INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-5 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
PLUMBNESS									
GL ROT					✓				Left Pole Hollow and the right pole is full of ants and rotten
TOP ROT									at Ground Level. The X Arms & the Insulators are scheduled
CAP									to be done in 2010. The (STR should be replaced.)
WOODPECKER HOLES									
INSECT DAMAGE									
LIGHTNING STRIKE									
BONDING/GROUNDING									
GL EROSION									70' poles
GL VEGETATION									N 46° - 05' - 09.6
DRAINAGE									W 60° - 09' - 51.6
X-BRACE SPARS									
CRACKED									
BROKEN									
TWISTED									
X-ARM SPARS									
CRACKED									Access is off the Diamond Crescent Road which is off
BROKEN									Highway #22, The road to Almont Bridge.
TWISTED									
BUSHINGS									
RUSTED									
BROKEN									
BENT									
ANCHORAGES									
GUYS									
PREFORMS									
ANCHOR RODS									
ANCHOR LOGS									
INSULATORS									
GLASS									
PORCELAIN									
LINEPOST									
SYNTHETIC									
NOISE									
CLAMP									
WIRE									
LIFT									
CLAMPS									
LEADEND									
REFORM									
CORONA ETC									
VIBRATION DAMPERS									
T OCKBRIDGE/TORSIONAL									
MISSING WEIGHT									
ROOPING									

DATE	LINE NO.	WIND SPEED & DIR.	AIR TEMP.	AGE			
NAME OF INSPECTOR	CONDUCTOR	OHGW	RETREATMENT	ROW WIDTH			
STR. NO.	STR. TYPE	EASTING / NORTHING	DIGITAL PHOTO	ACCESS			
June 09	7011						
565	0						
INSPECTION TOOL, METHOD, AND RESULT	PRIORITIZING	COMMENT					
INSPECTION METHOD	INSPECTION TOOL	48 HRS-1 MTH	1-6 MTHS	6-12 MTHS	1-4 YEARS	FLAGGED TO ENGRG	DESCRIPTION OF DEFICIENCY
WOOD FRAME STR.							
PLUMBNESS							70' poles
GL ROT							N 46° - 05' - 22.4
TOP ROT							W 60° - 09' - 22.6
CAP							
WOODPECKER HOLES							
INSECT DAMAGE							
LIGHTNING STRIKE							
BONDING/GROUNDING							
GL EROSION							
GL VEGETATION							
DRAINAGE							
BRACE PLATES							
RACKED							
ROKEN							
WISTED							
BRACE PLATES							
RACKED							
ROKEN							
WISTED							
BRACE PLATES							
JUSTED							
ROKEN							
ENT							
ANCHORAGES							
YS							
EFORMS							
CHOR RODS							
CHOR LOGS							
INSULATORS							
ASS							Access Diamond Crescent on Hwy 22
RCELAIN							
EPOST							
THETIC							
SE							
MP							
FT							
PLATES							
DEND							
FORM							
CORDONING							
VIBRATION DAMPERS							
KBIDGE/TORSIONAL							
NG WEIGHT							
PING							

