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## APPENDIX D - EMERGENCY MATERIALS LIST

The intent of keeping an emergency materials list is to be able to obtain the necessary materials to make an emergency repair in the shortest possible time frame. General rules for the list are set out below.

- The purpose of this list is to provide a common inventory of the large diameter pipe, fittings, valves, and repair couplings, and other uncommon inventory that the local water districts have in stock.
- A list of specialty tools should also be included for the benefit of the KJWC in the event of an emergency or for the purposes.
- All utilities that contribute and maintain the updated list with their available emergency materials list agree to make these materials available in the event of an emergency. The objective is to have an up-to-date list that is available to the works staff on short notice.
- In utilizing an item from another water supplier's stock, the cost of materials used would be reimbursed at the current fair-market value price. If there is a dispute in the value of the item, the topic would be brought back to the KJWC for review and decision on how to resolve the dispute. The labour costs by the supplying utility would be reimbursed under each utility's normal stand-by or call-out procedures. The supplying utility would also have the right to waive the cost and cover it internally in assisting the neighbouring utility.
- A further objective would be to broaden the list of material suppliers so that the list would include all larger utilities within a 1.0 hour travel-time of the KJWC suppliers.
- The information is assembled by each individual utility in the EXCEL spreadsheet format as set in Schedule D-1 and in the categories set out within Schedule D-1. The larger diameter part of the fitting is named first in the tables for each of sorting and searching.
- Schedule D-2 sets out a format for the Emergency Materials Contact List of key first point contacts, their phone numbers, fax numbers and location.

EMERGENCY MATERIALS LISTS  
APPENDIX D  
OCTOBER, 2005

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## SCHEDULE D-1

### Example of Materials List

MASTER EMERGENCY MATERIALS LIST						
Location	Material	Large Dia.	Quantity	Unit	Description	Materials No.
LID	Couplings	24 X 8	1	each	8 X 24 repair clamp steel	
LID	Couplings	24 X 6	1	each	6 X 24 repair clamp steel	5616
LID	Couplings	24 X 6	1	each	6 X 24 repair clamp D I	
LID	Couplings	24 x 4	1	each	4 X 24 Repair clamp steel	
LID	Couplings	24 X 22	1	each	22 x 24 Spiral Steel clamp	
LID	Couplings	24 X 20	0	each	20 X 24 Robar repair calamp	
LID	Couplings	24 X 12	1	each	24 X 12 repair clamp D .I.	
LID	Couplings	24 X 12	1	each	24 X 12 steel repair clamp	
LID	Couplings	24 X 10	1	each	10 X 24 steel repair clamp	
LID	Couplings	24 X 1	1	each	24 X 1 tapping saddle	
LID	Couplings	22 X 12	1	each	22 X 12 steel repair clamp	
LID	Couplings	20 X 12	2	each	20 X 12 steel repair clamp	
LID	Couplings	18 X 12	0	each	18 X 12 repair clamp D.I.	
LID	Couplings	16 X 8	1	each	8 X 16" Steel repair clamp	
LID	Couplings	16 X 8	2	each	8 X 16 repair clamp D I	
LID	Couplings	16 X 6	2	each	6 X 16 robar repair clamp D I	663
LID	Couplings	16 x 4	1	each	4" X 16" repair clamp steel	5616 3.95-4.35 x 16"
LID	Couplings	16 X 14	2	each	14 X 16 steel repair clamp	
LID	Couplings	16 X 12	1	each	12X16 repair clamp Steel.	
LID	Couplings	16 X 12	0	each	16 X 12 repair clamp D.I.	
LID	Couplings	16 X 12	1	each	16 X 12 steel repair clamp	
LID	Couplings	16 X 10	1	each	10 X 16 repair clamp D.I.	
LID	Couplings	14 X 12	1	each	14 X 12 repair clamp D.I.	
LID	Couplings	12 X 8	2	each	8 X 12 steel repair clamp	
LID	Couplings	12 X 8	4	each	8 X 12 repair clamp D.I.	
LID	Couplings	12 x 6	2	each	6 X 12 steel repair clamp	600
LID	Couplings	12 X 6	0	each	6 X 12 robar repair clamp	5616
LID	Couplings	12 x 4	2	each	4 X 12 steel repair clamp	5616 3.95-4.35 x 12"
LID	Couplings	12 x 4	0	each	4 X 12 repair clamp D. I.	
LID	Couplings	12 X 12	1	each	12 X 12 repair clamp D.I.	
LID	Couplings	12 X 10	1	each	10 X 12 steel repair clamp	
LID	Couplings	12 X 10	1	each	10 X 12 repair clamp D I	
LID	Couplings	12 X 0.75	2	each	12 X 3/4 CC steel pipe	1221 Canada pipeline
LID	Couplings	24	1	each	24" victaulic coupler	
LID	Couplings	12	0	each	12" Robar coupler steel	
LID	Couplings	12	2	each	12" Robar coupler D I	
LID	Fittings	30 X 6	1	each	30 X 6 tapping saddle	
LID	Fittings	30 X 12	0	each	30 X 12 repair clamp D I	
LID	Fittings	30 X 1	1	each	30 X 1 tapping saddle	
LID	Fittings	20	1	each	20" FF rubber gasket	
LID	Fittings	16	0	each	16" blind flange	
LID	Fittings	12	4	each	12" FF rubber gasket	
LID	Fittings	12	1	each	12" F X F 11.25 ` bend	
LID	Hydrants	C71P	0	each	C71P TC Hyd. 5' bury	
LID	Hydrants	54	1	each	54" hydrant riser c/w rod	

## SCHEDULE D-1 (CONTINUED)

### Example of Materials List

MASTER EMERGENCY MATERIALS LIST						
Location	Material	Large Dia.	Quantity	Unit	Description	Materials No.
LID	Hydrants	44	1	each	44" Hydrant Riser Rod	
LID	Hydrants	42	0	each	42" hydrant riser c/w rod	used
LID	Hydrants	36	1	each	36" Hydrant Riser Rod	
LID	Hydrants	32	1	each	32" Hydrant Riser Rod	
LID	Hydrants	30	0	each	30" hydrant riser C/W rod	used
LID	Hydrants	24	1	each	24" hydrant riser	
LID	Pipe	24	40	m	24" CMP culvert	
LID	Pipe	22	20	m	22" CMP culvert	per meter
LID	Pipe	16	80	m	16" CMP Culvert	
LID	Pipe connection	24	0	each	24" culvert bands	
LID	Pipe connection	16	2	each	16" culvert bands	
LID	Pipe connection	12	1	each	12" culvert bands	
LID	Pipe connection	8	1	each	8" culvert bands	
LID	Services	36 x 1.25	1	each	1" X36" threaded both ends	
LID	Services	36 x 1.25	0	each	1 1/4 X 36" slip extention	
LID	Services	36 s/s HD	0	each	36"H D service box rods S Steel	
LID	Services	36 s/s	2	each	36" service box rods S Steel	
LID	Services	30 x 1.25	0	each	1 1/4" X 30" slip extention	
LID	Services	30 x 1	0	each	1" X 30" threaded one end	
LID	Services	30 x 1	0	each	1" X 30" threaded both ends	
LID	Services	24 x 1.25	3	each	1 1/4" X 24" slip extention	
LID	Services	24 x 1	0	each	1" X 24" threaded one end	
LID	Services	18 x 1.25	7	each	1 1/4" X 18" slip extention	
LID	Services	18 x 1	6	each	1" X 18" threaded one end	
LID	Services	12 x 1.25	7	each	1 1/4" X 12" Slip extention	
LID	Services	48	7	each	48" service box rods	
LID	Services	36	3	each	36" service box rods	
LID	Services	24	1	each	24" service box rods	
LID	Watermain	30	18	m	750MM class 50 DI pipe	
LID	Watermain	24	0	m	600MM class 50 DI pipe	
LID	Watermain	22	3		22" wide poly bag	
LID	Watermain	14	18	m	350MM class 50 DI pipe	
LID	Watermain	12	18	m	300MM class 50 DI pipe	

## SCHEDULE D-2

### Emergency Contact List

UTILITY	MATERIALS CONTACT PERSON	WORK PHONE	CELL PHONE	HOME PHONE
City of Kelowna	First contact person			
	Second contact person			
	Third contact person			
Black Mountain Irrigation District	First contact person			
	Second contact person			
	Third contact person			
Glenmore-Ellison Improvement District	First contact person			
	Second contact person			
	Third contact person			
Rutland Waterworks District	First contact person			
	Second contact person			
	Third contact person			
South East Kelowna	First contact person			
Irrigation District	Second contact person			
	Third contact person			