

## Glenlyon Dam Emergency Event Report

### Emergency Event Recording Sheets

- Description of the event
- Instrument readings, rainfall and levels data
- Description of Observed Damage
- Record of Communication sheet
- Log of Events / Action sheet EAP, Performance and General Comments
- Photos during & after event

Note: These sheets must be completed for all Emergency Event Scenarios and be included in the Emergency Event Report

**QFCI**

Date:

*27/05/11*

*JM*

Exhibit Number:

*517*

## Glenlyon Dam Event Report

### Emergency Event Recording Sheets

- Description of the Event

## EMERGENCY EVENT RECORD

COMPLETE THIS COVER SHEET AND ATTACH RELEVANT RECORDING SHEETS FROM SECTION 6.

### 1. NATURE OF THE EVENT (circle the event)

Spillway discharge

Earthquake

Piping

Water Quality

Terrorist Activity

Commencing: 17.12..2010

Finishing: 31 .01..2011

### 2. DESCRIPTION OF THE EVENT

Attach relevant sheets from Section 6.

During the months of December 2010 & January 2011 Glenlyon Dam was at FSL and reached a maximum of (SD) EL 413.53 – 110.8%. A maximum height of 1.44m was recorded going over the spillway.

### 3. STATISTICS

Total inflow	45314 Megalitres
Total discharge	88223 Megalitres
Capacity of Storage prior to inflow	(SD) EL 411.79 – 98.2%
Volume prior to inflow	248973 Megalitres
Maximum inflow	13703 ML/Day
Maximum discharge	30 000 ML/Day

### 4. EVENT PROGRESS

*Attach copies of the Spillway Level versus Time Graph, the Record of Communication, the Log of Events / Actions, and Rainfall during a Flood Event. (Section 6A)*

### 5. GENERAL COMMENTS

*Include in this section any observations or comments regarding the Event, such as Equipment malfunction, improved Reporting, Safety issues, or any suggestions which may improve monitoring of the Event.*

Down stream build up of silt and stones from the flood,  
During Peak event down stream gauging station failed due to phone line being out of order. Gauge boards were under water during flooding and could not be read. When water had receded the gauge boards had been damaged. The total discharge statistics are approximate figures only, due to this happening.

## Glenlyon Dam Event Report

### Emergency Event Recording Sheets

- Instrument Readings, Rainfall and Levels Data

## GLENLYON DAM STORAGE REPORT

Dec-10

SunWater - Water Year 2010-2011

Useable Storage Capacity in the dam is 1735 ML, which can be released

Useable Storage Capacity in the dome caps minus the dead Storage Caps (1735 M3) which cannot be released													
Day	Date	Time	STORE CAPACITY		Usable	Usable	RELEASES	RAINFALL	INFLOW	LOSSES	SURFACE	TRAFFIC	SITES
			EL Metres	Megallitres	Star Cntr.	% Full	River ML/D	mm	ML/Day	ML/Day	AREA Ha	Counter	Canavan Pk
247,040													
Fri	17/12/10	7:00	411.78	248973	247235	98.2		18.8	1,825	0	1784		
		10:00	411.84	249982	248121	98.5			899	0	1782		
		11:30	411.85	250040	248302	98.8			178	0	1783		
		12:00	411.88	250218	248480	99.7			178	0	1783		
		13:30	411.88	250574	249033	98.8			358	0	1784		
		14:15	411.90	250630	249192	98.9			358	0	1000	Weekly Total	
		15:00	411.91	251108	249370	99.0			178	0	1801		
		15:30	411.92	251208	249348	99.1			178	0	1801		
		16:00	411.93	251484	249728	99.2			178	0	1802		
		17:00	411.95	251820	250082	99.3			358	0	1803		
		18:00	411.98	251968	250260	99.4			178	0	1803		
		19:30	411.99	252582	250784	99.5			358	0	1805		
									1,431	0	1842	Weekly Total	
Sat	18/12/10	5:00	412.07	253983	252225	100.1			358	0	1844		
		6:00	412.08	254321	252563	100.3			178	0	1825		
		8:00	412.1	254500	252768	100.4			178	0	1825		
		7:30	412.11	254680	252942	100.4			180	0	1825		
		9:00	412.12	254900	253122	100.5			180	0	1826		
		10:00	412.13	255040	253302	100.6			180	0	1827		
		12:30	412.14	255220	253482	100.6			0	0	1827	Weekly Total	
		13:30	412.14	255220	253482	100.6			180	0	1828		
		16:30	412.13	255400	253862	100.7			180	0	1828		
		17:30	412.16	255800	254042	100.8			540	0	1830		
Sun	19/12/10	3:30	412.10	256120	254382	101.0			180	0	1835		
		6:30	412.2	256300	254582	101.1			180	0	1836		
		11:00	412.21	256400	254742	101.1			0	0	1836		
		15:00	412.21	256480	254742	101.1			0	0	1836	Weekly Total	
		18:00	412.22	256680	254922	101.2			180	0	1837		
Mon	20/12/10	6:00	412.23	256840	255102	101.3			0	0	1837		
		10:00	412.23	256840	255102	101.3			180	0	1837		
		14:00	412.24	257020	255282	101.3			0	0	1837		
		18:00	412.24	257020	255282	101.3			380	0	1838		
Tue	21/12/10	6:00	412.25	257380	255642	101.5			0	0	1838		
		10:00	412.26	257380	255642	101.5			0	0	1838		
		14:00	412.26	257380	255642	101.5			0	0	1838		
		18:00	412.26	257380	255642	101.5			0	0	1838		
Wed	22/12/10	6:00	412.26	257380	255642	101.5			0	0	1838		
		10:00	412.26	257380	255642	101.5			0	180	1838		
		14:00	412.25	257200	255482	101.4			0	180	1837		
		18:00	412.24	257020	255282	101.3			0	180	1837		
Thu	23/12/10	6:00	412.23	256840	255102	101.3			0	0	1837		
		10:00	412.23	256840	255102	101.3			0	0	1837		
		14:00	412.23	256840	255102	101.3			0	0	1837		
		18:00	412.23	256840	255102	101.3			0	180	1838		
Fri	24/12/10	6:00	412.23	256880	254922	101.2			6.2	0	1838		
		10:00	412.22	256680	254742	101.2			0	0	1838		
		14:00	412.21	256480	254742	101.1			0	180	1838		
		18:00	412.21	256480	254742	101.1			0	0	1838		
	25/12/10	6:00	412.2	256300	254582	101.1			0	180	1835		
		10:00	412.2	256300	254582	101.1			0	0	1835		
		14:00	412.19	256120	254382	101.0			0	180	1835		
		18:00	412.19	256120	254382	101.0			0	0	1835		
	26/12/10	6:00	412.19	256120	254382	101.0			3.2	0	1835		
		10:00	412.16	255720	254302	101.0			0	0	1835		
		14:00	412.2	256300	254582	101.1			180	0	1835		
		18:00	412.2	256300	254582	101.1			0	0	1835		
	27/12/10	6:00	412.2	256300	254582	101.1			10	0	1835		
		10:00	412.2	256300	254582	101.1			0	0	1835		
		14:00	412.2	256300	254582	101.1			0	0	1835		
		18:00	412.2	256300	254582	101.1			0	0	1835		
		23:00	412.23	256040	254182	101.3			540	0	1837		
	28/12/10	1:30	412.35	259728	257681	102.4			2,660	0	1891		
		2:00	412.44	260038	258000	102.0			809	0	1909		
		2:30	412.45	260020	258002	102.8			182	0	1910		
		7:00	412.50	263377	261639	103.6			2,557	0	1924		
		8:00	412.03	264112	262374	104.1			735	0	1992		
		10:00	412.03	264112	262374	104.1			0	0	1992		
		14:00	412.06	264884	262920	104.4			552	0	1993		
		18:00	412.00	265032	263294	104.5			308	0	1994		
		22:00	412.07	264648	263110	104.4			0	184	1984		
	29/12/10	2:00	412.08	264884	262920	104.4			0	184	1983		
		6:00	412.04	264290	262558	104.2			0	366	1982		
		10:00	412.03	264112	262374	104.1			0	184	1982		
		14:00	412.01	263744	262000	104.0			0	366	1981		
		18:00	412.03	263377	261639	103.9			0	367	1984		
	30/12/10	6:00	412.03	262770	260841	102.4			0	1838	1982		
		10:00	412.51	261812	260170	103.3			0	366	1920		
		14:00	412.49	261548	259910	103.1			0	731	1914		
		18:00	412.48	261388	259628	103.1			0	182	1913		
	31/12/10	6:00	412.43	260456	258716	102.7			0	210	1908		
		10:00	412.41	260092	258354	102.8			0	364	1908		
		14:00	412.39	259728	257991	102.4			0	360	1904		
		18:00	412.37	259367	257629	102.3			0	362	1892		
TOTAL													
							0	46.2	12,244	7,281	1848	0	0

# GLENLYON DAM STORAGE REPORT

Jan-11

SunWater - Water Year 2010-2011

Useable Storage Capacity is the dam capacity minus the dead Storage Capc.(1738 ML) which cannot be released

Usable Storage Capacity is the dams cap minus the dead Storage Capc (1738 ML) which cannot be released															TRAFFIC	SITES
			STORE		CAPACITY	Usable	Usable	RELEASES	RAINFALL	INFLOW	LOSSES	SURFACE				
			E.L. Metres	Megallitres	Stor Capc	% full	River ML/D	m.m.	ML/Day	ML/Day	ML/Day	AREA Ha	Counter	Caravan Pk		
Day	Date	time	260,456													
Sat	01/01/11	8:00	412.34	258824	267088	102.1	0	0	0	0	1832	1869				
		10:00	412.32	258482	256724	101.9	0	0	0	0	362	1867				
		14:00	412.32	258482	256724	101.8	0	0	0	0	0	1867				
		18:00	412.32	258482	256724	101.9	0	0	0	0	0	1867				
2/01/11	8:00	412.3	258100	256362	101.8	0	0	0	0	362	1866					
	10:00	412.30	258100	256362	101.8	0	0	0	0	0	1866		Weekly Total			
	14:00	412.3	258100	256362	101.8	0	1	0	0	0	1866					
	18:00	412.3	258100	256362	101.8	0	3.2	0	0	0	1866					
3/01/11	8:00	412.31	256281	256543	101.8	0	0	0	181	0	1867					
	10:00	412.32	256482	256724	101.9	0	0	0	181	0	1868					
	14:00	412.33	256643	256905	102.0	0	1.8	181	0	0	1869					
	18:00	412.34	256824	257086	102.1	0	0	181	0	0	1869		Weekly Total			
4/01/11	8:00	412.34	256824	257086	102.1	0	2.4	0	0	0	1890					
	10:00	412.35	259005	257267	102.1	0	0	181	0	0	1890					
	14:00	412.37	259367	257629	102.3	0	0	362	0	0	1892					
	18:00	412.39	259729	257991	102.4	0	0	362	0	0	1906					
5/01/11	8:00	412.4	259910	258172	102.5	0	0.2	181	0	0	1906					
	10:00	412.41	260092	258354	102.6	0	0	182	0	0	1907					
	14:00	412.42	260274	258536	102.6	0	0	182	0	0	1907					
	18:00	412.43	260456	258718	102.7	0	5.9	182	0	0	1908		Weekly Total			
6/01/2011	8:00	412.48	261002	259264	102.9	0	31.4	546	0	0	1911					
	10:00	412.53	262279	260541	103.4	0	12.4	1,277	0	0	1928					
	12:00	412.57	263011	261279	103.7	0	0	732	0	0	1932					
	13:00	412.6	263560	261822	103.9	0	0	549	0	0	1890					
	14:00	412.63	264112	262374	104.1	0	0	552	0	0	1892					
	15:00	412.64	264296	262558	104.2	0	0	184	0	0	1892					
	16:00	412.64	264296	262558	104.2	0	0	0	0	0	1892		Weekly Total			
	17:00	412.66	264664	262928	104.4	0	0	368	0	0	1893					
	18:00	412.68	265032	263294	104.5	0	0	368	0	0	1894					
	19:00	412.7	265400	263662	104.7	0	0	368	0	0	1900					
	20:00	412.72	265768	264030	104.8	0	0	368	0	0	1901					
	21:00	412.74	266136	264398	104.9	0	0	368	0	0	1902					
7/01/2011	22:00	412.76	266504	264766	105.1	0	0	368	0	0	1903					
	23:00	412.77	266668	264950	105.2	0	0	184	0	0	1904					
	0:00	412.79	267056	265318	105.3	0	0	368	0	0	1905					
	1:00	412.8	267240	265502	105.4	0	0	184	0	0	1905					
	2:00	412.84	267980	266242	105.7	0	0	740	0	0	1979					
	3:00	412.87	268535	266797	105.9	0	0	555	0	0	1982					
	4:00	412.88	268720	266982	106.0	0	0	185	0	0	1983					
	5:00	412.89	268906	267167	106.0	0	0	185	0	0	1984					
	6:00	412.9	269090	267352	106.1	0	0	185	0	0	1985					
	7:00	412.91	269276	267536	106.2	0	0	186	0	0	1986					
	8:00	412.92	269462	267724	106.3	0	0	186	0	0	1987					
	9:00	412.93	269648	267910	106.3	0	0	186	0	0	1988					
8/01/11	10:00	412.94	269834	268096	106.4	0	0	186	0	0	1989					
	14:00	412.95	270020	268282	106.5	0	0	186	0	0	2000					
	18:00	412.94	269834	268096	106.4	0	0	0	0	0	186	1989				
	22:00	412.92	269462	267724	106.3	0	0	0	0	0	372	1997				
	0:00	412.9	269090	267352	106.1	0	0	0	0	0	372	1995				
	4:00	412.87	268535	266797	105.9	0	0	0	0	0	555	1982				
	5:00	412.87	268535	266797	105.9	0	0.4	0	0	0	1982					
	10:00	412.85	268195	266427	105.7	0	0	0	0	0	370	1980				
	14:00	412.82	267810	266072	105.5	0	0	0	0	0	555	1877				
	18:00	412.78	266872	265134	105.2	0	0	0	0	0	738	1904				
	22:00	412.75	266320	264582	105.0	0	0	0	0	0	552	1903				
	9/01/11	2:00	412.73	265952	264214	104.9	0	0	0	0	0	368	1902			
6:00		412.7	265400	263662	104.7	0	0.6	0	0	0	552	1900				
12:00		412.66	264664	262928	104.4	0	0	0	0	0	738	1893				
16:00		412.6	263560	261822	103.9	0	0	0	0	0	1104	1890				
10/01/11	0:00	412.6	263560	261822	103.9	0	0	0	0	0	0	1890				
	6:00	412.58	263194	261456	103.8	0	0.6	0	0	0	366	1933				
	12:00	412.58	263194	261456	103.8	0	17	0	0	0	1933					
		18:00	412.59	263377	261639	103.9	0	0	186	0	1934					

	TOTAL
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## Glenlyon Dam

## SEEPAGE MEASUREMENT READINGS

V-NOTCH WEIR READINGS (mm)						
Date	Time	VNTM	VNVRAA	VNLA	VNRA	Tail EL
18/12/10	5.30	67	15	38	30	0.49
	9.30	65	15	36	29	0.60
	13.30	64	14	36	28	0.65
	17.30	63	13	36	28	0.69
19/12/10	7.00	62	13	35	26	0.77
	11.00	61	15	33	25	0.79
	15.00	62	16	33	25	0.81
	19.00	62	15	33	24	0.82
20/12/10	6.00	60	15	32	25	0.83
	10.00	60	15	32	25	0.84
	14.00	60	15	32	25	0.85
	18.00	60	15	32	25	0.87
21/12/10	6.00	60	15	32	25	0.91
	10.00	60	15	32	25	0.92
	14.00	60	15	32	25	0.92
	18.00	57	15	32	25	0.91
22/12/10	6.00	56	15	30	21	0.90
	10.00	55	14	30	22	0.90
	14.00	55	9	29	21	0.88
	18.00	55	9	29	21	0.87
23/12/10	6.00	55	9	29	20	0.84
	10.00	55	9	29	19	0.84
	14.00	55	9	29	18	0.84
	18.00	54	15	29	18	0.83
24/12/10	6.00	54	9	28	18	0.82
	10.00	54	9	28	18	0.81
	14.00	54	9	28	18	0.80
	18.00	54	9	28	18	0.80
25/12/10	6.00	54	9	28	18	0.78
	10.00	52	9	28	18	0.78
	14.00	52	9	27	18	0.78
	18.00	52	9	27	18	0.77
26/12/10	6.00	50	10	28	17	0.76
	10.00	50	14	26	17	0.76
	14.00	51	28	25	17	0.77
	18.00	51	30	25	17	0.77
27/12/10	6.00	55	15	28	19	0.76
	10.00	55	14	28	19	0.76
	14.00	54	12	28	18	0.77
	18.00	54	11	28	18	0.77
28/12/10	23.00	53	10	28	18	0.84
	7.00	52	10	27	17	1.76
	10.00	51	9	25	17	1.88
	14.00	51	9	25	16	1.92
29/12/10	18.00	50	9	25	15	1.93
	22.00	50	9	24	15	1.92
	2.00	50	11	22	15	1.90
	6.00	50	9	24	15	1.87
30/12/10	10.00	49	9	24	15	1.82
	14.00	49	9	24	15	1.77
	18.00	49	9	24	15	1.74
	6.00	49	9	24	15	1.58
31/12/10	10.00	48	9	24	15	1.51
	14.00	48	8	24	15	1.47
	18.00	48	8	24	14	1.42
	6.00	47	8	23	14	1.27
31/12/10	10.00	47	8	23	14	1.24
	14.00	47	7	23	14	1.20
	18.00	47	7	23	14	\$1.15

Rain Starting

Rain Stopped  
6mm 24hrs

2mm Rain

6.2mm Rain

3.2mm Rain

10mm Rain



Date	Time	Tail EL	Flow ML	Instantaneous
18/12/10	5:30	0.49	45.00	
	6:30	0.52	52.60	
	7:30	0.55	95.00	
	8:00	0.56	106.00	
	9:00	0.59	142.00	
	10:00	0.60	156.00	
	12:30	0.65	238.00	
	13:30	0.65	238.00	
	15:30	0.67	276.00	
	17:30	0.69	316.00	
19/12/10	3:30	0.75	473.00	
	6:30	0.77	530.00	
	11:00	0.79	594.00	
	15:00	0.81	663.00	
	19:00	0.82	699.00	
20/12/10	6:00	0.83	736.00	
	10:00	0.84	774.00	
	14:00	0.85	814.00	
	18:00	0.87	897.00	
21/12/10	6:00	0.91	1049.00	
	10:00	0.92	1086.00	
	14:00	0.92	1086.00	
	18:00	0.91	1049.00	
22/12/10	6:00	0.90	1013.00	
	10:00	0.90	1013.00	
	14:00	0.88	941.00	
	18:00	0.87	897.00	
23/12/10	6:00	0.84	774.00	
	10:00	0.84	774.00	
	14:00	0.84	774.00	
	18:00	0.83	736.00	
24/12/10	6:00	0.82	699.00	
	10:00	0.81	663.00	
	14:00	0.80	628.00	
	18:00	0.80	628.00	
25/12/10	6:00	0.78	562.00	
	10:00	0.78	562.00	
	14:00	0.78	562.00	
	18:00	0.77	530.00	
26/12/10	6:00	0.76	500.00	
	10:00	0.76	500.00	
	14:00	0.77	530.00	
	18:00	0.77	530.00	
27/12/10	6:00	0.76	500.00	
	10:00	0.76	500.00	
	14:00	0.77	530.00	
	18:00	0.77	530.00	
	23:00	0.84	774.00	
	23:40	0.94	1161.00	
	11:50	0.96	1236.00	
	12:00	0.99	1359.00	
28/12/10	12:15	1.05	1620.00	
	12:30	1.07	1712.00	
	12:45	1.01	1904.00	
	7:00	1.76	5549.00	
	8:00	1.80	5855.00	
	9:00	1.83	6090.00	
	10:00	1.88	6492.00	
	10:48	1.90	6658.00	
	14:00	1.92	6822.00	
	18:00	1.93	6908.00	
	22:00	1.92	6822.00	
29/12/10	2:00	1.90	6656.00	
	6:00	1.87	6410.00	
	10:00	1.82	6011.00	
	14:00	1.77	5825.00	
	18:00	1.74	5398.00	
30/12/10	6:00	1.58	4290.00	
	10:00	1.51	3893.00	
	14:00	1.47	3674.00	
	18:00	1.42	3407.00	
31/12/10	6:00	1.27	2658.00	
	10:00	1.24	2518.00	
	14:00	1.20	2336.00	
	18:00	1.15	2105.00	

## Glenlyon Dam

## SEEPAGE MEASUREMENT READINGS

V-NOTCH WEIR READINGS (mm)						
Date	Time	VNTM	VNVRAA	VNLA	VNRA	Tail EL
1/01/11	6:00	46	7	25	13	1.05
1/01/11	10:00	46	7	25	13	1.03
1/01/11	14:00	46	7	24	14	1.01
1/01/11	18:00	46	7	23	14	0.99
2/01/11	6:00	45	7	23	14	0.93
2/01/11	10:00	45	7	22	13	0.92
2/01/11	14:00	45	8	22	13	0.93
2/01/11	18:00	45	8	22	13	0.93
3/01/11	6:00	45	10	22	13	0.98
3/01/11	10:00	45	10	22	13	1.01
3/01/11	14:00	44	10	23	13	1.01
3/01/11	18:00	44	10	23	13	1.02
4/01/11	6:00	44	10	23	13	1.04
4/01/11	10:00	44	10	22	12	1.07
4/01/11	14:00	44	10	21	12	1.11
4/01/11	18:00	44	10	22	13	1.16
5/01/11	6:00	44	10	21	12	1.22
5/01/11	10:00	44	10	21	12	1.23
5/01/11	14:00	43	10	21	12	1.25
5/01/11	18:00	43	11	21	12	1.27
6/01/11	6:00	70	58	55	32	1.37
6/01/11	10:00	101	64	66	66	1.57
6/01/11	12:00	103	45	66	52	1.68
6/01/11	13:00	100	39	59	50	1.75
6/01/11	14:00	98	35	55	47	1.80
6/01/11	15:00	95	33	54	44	1.81
6/01/11	16:00	94	31	53	43	1.83
6/01/11	17:00	91	29	51	42	1.86

Date	Time	Tail EL	Flow ML	Instantaneous
1/01/11	6:00	1.05	1,620.00	
1/01/11	10:00	1.03	1,530.00	
1/01/11	14:00	1.01	1,444.00	
1/01/11	18:00	0.99	1,359.00	
2/01/11	6:00	0.93	1,123.00	
2/01/11	10:00	0.92	1,086.00	
2/01/11	14:00	0.93	1,123.00	
2/01/11	18:00	0.93	1,123.00	
3/01/11	6:00	0.98	1,328.00	
3/01/11	10:00	1.01	1,444.00	
3/01/11	14:00	1.01	1,444.00	
3/01/11	18:00	1.02	1,487.00	
4/01/11	6:00	1.04	1,575.00	
4/01/11	10:00	1.07	1,712.00	
4/01/11	14:00	1.11	1,904.00	
4/01/11	18:00	1.16	2160.00	
5/01/11	6:00	1.22	2427.00	
5/01/11	10:00	1.23	2472.00	
5/01/11	14:00	1.25	2565.00	
5/01/11	18:00	1.27	2659.00	
6/01/11	6:00	1.37	3149.00	
6/01/11	10:00	1.57	4232.00	
6/01/11	12:00	1.68	4961.00	
6/01/11	13:00	1.75	5474.00	
6/01/11	14:00	1.80	5855.00	
6/01/11	15:00	1.81	5933.00	
6/01/11	16:00	1.83	6090.00	
6/01/11	17:00	1.86	6329.00	
6/01/11	18:00	1.92	6822.00	
6/01/11	19:00	1.95	7075.00	
6/01/11	20:00	1.97	7247.00	
6/01/11	21:00	2.00	7508.00	
6/01/11	22:00	2.05	7953.00	
6/01/11	23:00	2.07	8134.00	
7/01/11	0:00	2.11	8503.00	
7/01/11	1:00	2.13	8691.00	
7/01/11	2:00	2.18	9169.00	
7/01/11	3:00	2.21	9462.00	
7/01/11	4:00	2.22	9560.00	
7/01/11	5:00	2.26	9960.00	
7/01/11	6:00	2.28	10163.00	
7/01/11	7:00	2.27	10061.00	
7/01/11	8:00	2.29	10265.00	
7/01/11	9:00	2.27	10061.00	
7/01/11	10:00	2.28	10163.00	

6/01/11	18:00	89	28	51	41	1.92
6/01/11	19:00	89	28	51	40	1.95
6/01/11	20:00	89	28	51	38	1.97
6/01/11	21:00	83	28	48	38	2.00
6/01/11	22:00	83	28	48	38	2.05
6/01/11	23:00	80	22	46	38	2.07
6/01/11	0:00	80	22	46	38	2.11
7/01/11	1:00	80	22	46	38	2.13
7/01/11	2:00	77	20	45	35	2.18
7/01/11	3:00	77	18	41	32	2.21
7/01/11	4:00	77	20	42	34	2.22
7/01/11	5:00	75	18	43	35	2.26
7/01/11	6:00	74	18	43	35	2.28
7/01/11	7:00	73	20	41	35	2.27
7/01/11	8:00	73	19	41	35	2.29
7/01/11	9:00	72	18	41	32	2.27
7/01/11	10:00	71	18	41	32	2.28
7/01/11	14:00	70	15	40	32	2.30
7/01/11	18:00	67	14	36	30	2.29
7/01/11	20:00	65	14	36	30	2.28
8/01/11	0:00	64	14	36	27	2.25
8/01/11	4:00	64	14	34	25	2.21
8/01/11	6:00	62	14	34	25	2.19
8/01/11	10:00	61	14	34	25	2.16
8/01/11	14:00	60	14	33	25	2.14
8/01/11	18:00	60	13	33	25	2.06
8/01/11	22:00	58	15	30	25	1.98
9/01/11	2:00	58	15	33	25	1.92
9/01/11	6:00	57	15	33	25	1.89
9/01/11	12:00	56	11	30	24	1.80
9/01/11	18:00	55	11	30	22	1.71

7/01/11	14:00	2.30	10368.00
7/01/11	18:00	2.29	10265.00
7/01/11	20:00	2.28	10163.00
8/01/11	0:00	2.26	9859.00
8/01/11	4:00	2.21	9462.00
8/01/11	6:00	2.19	9266.00
8/01/11	10:00	2.16	8976.00
8/01/11	14:00	2.14	8786.00
8/01/11	18:00	2.06	8043.00
8/01/11	22:00	1.98	7333.00
9/01/11	2:00	1.92	6822.00
9/01/11	6:00	1.89	6573.00
9/01/11	12:00	1.80	5855.00
9/01/11	18:00	1.71	5178.00
10/01/11	0:00	1.68	4961.00
10/01/11	6:00	1.65	4749.00
10/01/11	12:00	1.65	4749.00
	18:00	1.70	5105.00
11/01/11	0:00	1.80	5855.00
	1:00	1.87	6410.00
	6:00	2.15	8881.00
	9:30	2.24	9759.00
	10:00	2.27	10061.00
	14:00	2.42	11939.00
	16:00	2.56	13939.00
	17:00	2.64	15165.00
	18:00	2.77	17286.00
	19:00	2.86	18851.00
	20:00	2.94	20310.00
	21:00	3.02	21833.00
	22:00	3.09	23218.00
	23:00		
12/01/11	0:00		
	1:00		
	2:00		
	3:00		
	4:00		
	5:00		

## Glenlyon Dam

## SEEPAGE MEASUREMENT READINGS

V-NOTCH WEIR READINGS (mm)						
Date	Time	VNTM	VNVRAA	VNLA	VNRA	Tail EL
10/01/11	0:00	55	11	24	20	1.68
	6:00	55	11	25	21	1.65
	12:00	62	65	35	30	1.65
	18:00	92	47	63	50	1.70
11/01/11	0:00	90	42	58	41	1.80
	6:00	90	65	64	45	2.15
	10:00	102	70	68	56	2.27
	14:00	107	70	75	60	2.42
	16:00	108	60	80	60	2.56
	17:00	106	60	75	60	2.64
	18:00	112Max	58	74	60	2.77
	19:00	112Max	57	73	58	2.86
	20:00	112Max	55	72	57	2.94
	21:00	112Max	51	70	56	3.02
	22:00	112Max	48	70	56	3.09
	23:00	112Max	47	70	55	out
	0:00	112Max	46	69	55	out
	1:00	112Max	45	69	54	out
12/01/11	2:00	112Max	43	69	54	out
	3:00	112Max	43	69	54	out
	4:00	112Max	43	69	53	out
	5:00	112Max	40	69	52	out
	6:00	112Max	40	68	49	out
	7:00	112Max	39	67	49	out
	8:00	112Max	37	67	48	out
	9:00	112Max	35	67	48	out
	12:00	112Max	30	65	45	out
	18:00	112Max	25	60	43	out

[illegible]

[illegible]



# GLENLYON DAM - EMERGENCY ACTION PLAN

## RAINFALL RECORD SHEET

DATE	TIME	RAINFALL	DAILY TOTAL	COMMENTS
17/12/10	8:30	18.8mm		LAST 24 HRS AT STORAGE SITE
20/12/10	8:30	6.0mm		"
23/12/10	8:30	2.0mm		"
24/12/10	8:30	6.2mm		"
26/12/10	8:30	3.2mm		"
27/12/10	8:30	10mm		"
3-1-11	7:00	4.6mm		"
4-1-11	7:00	4.2mm		"
5-1-11	7:00	0.2mm		"
6-1-11	7:00	31.4mm		"
7-1-11	7:00	12.4		"
8-1-11	7:00	0.4		"
9-1-11	7:00	0.6		"
10-1-11	7:00	0.8		"
11-1-11	7:00	49mm		"
12-1-11	7:00	18mm		"
28-1-11	6:00	1.2		

## Glenlyon Dam Event Report

### Emergency Event Recording Sheets

- Description of Observed Damage



Gauging Station silted up and requires to be desilted to re-activate the gauging instruments

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9-2-11	STORAGE EL 412.05, 253605ML OR 100% RELEASE NIL SEEPAGE + MONITORING ALL OK, 1.2mm RAIN.
10-2-11	STORAGE EL 412.05 - 253605ML - 100% RELEASE NIL VISUAL SURVEY OK
11-2-11	STORAGE EL 412.04 - 253426 - 99.9% RELEASE NIL VISUAL SURVEY OK - SEEPAGE RECORDED
12-2-11	STORAGE EL 412.04 - 253426ML - 99.9% RELEASE NIL VISUAL SURVEY OK
13-2-11	STORAGE EL 412.03 - 253247ML - 99.9% RELEASE NIL VISUAL SURVEY OK
14-2-11	STORAGE EL 412.03 - 253247ML - 99.9% RELEASE NIL VISUAL SURVEY OK - SEEPAGE RECORDED
15-2-11	STORAGE EL 412.02 - 253068ML - 99.8% RELEASE NIL VISUAL SURVEY OK
16-2-11	STORAGE EL 412.02 - 253068ML - 99.8% RELEASE NIL VISUAL SURVEY OK - SEEPAGE RECORDED
17-2-11	STORAGE EL 412.01 - 252889ML - 99.7% RELEASE NIL VISUAL SURVEY OK
18-2-11	STORAGE EL 412.01 - 252889ML OR 99.7% RELEASE NIL 9mm RAIN, SEEPAGE + MONITORING OK
19-2-11	STORAGE EL 412.00 - 252710ML OR 99.6% RELEASE NIL VISUAL INSPECTION OK
20-2-11	STORAGE EL 412.00 - 252710ML OR 99.6% RELEASE NIL VISUAL INSPECTION OK
21-2-11	STORAGE EL 411.99 - 252532ML - 99.6% RELEASE NIL VISUAL SURVEY OK - SEEPAGE RECORDED



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19-1-11	STORAGE EL 412.28, 257740 ML OR 101.6% RELEASE NIL 4mm RAIN, 1972 ML OVERFLOW, ALL MONITORING & INSPECTIONS GOOD.
20-1-11	STORAGE EL 412.25, 257200 ML OR 101.4% RELEASE NIL 1534 ML OVERFLOW, NO RAIN, INSPECTION & MONITORING OK
21-1-11	STORAGE EL 412.21, 256480 ML OR 101.1% RELEASE NIL 1201 ML OVERFLOW, ALL MONITORING OK
22-1-11	STORAGE EL 412.20, 256300 ML OR 101.1% RELEASE NIL 992 ML OVERFLOW, ALL PHONE LINES WORKING, MONITORING OK
23-1-11	STORAGE EL 412.18, 255940 ML OR 100.9% RELEASE NIL 815 ML OVERFLOW, ALL MONITORING GOOD
24-1-11	STORAGE EL 412.16 - 255580 ML - 100.8% RELEASE NIL 676 OVERFLOW - VISUAL SURVEY OK
25-1-11	STORAGE EL 412.15 - 255400 ML 100.7% RELEASE NIL 590 ML OVERFLOW VISUAL SURVEY OK SEEPAGE
26-1-11	STORAGE EL 412.14 - 255220 ML - 100.6% RELEASE NIL 500 ML OVERFLOW - SEEPAGE RECORDED VISUAL OK
27-1-11	STORAGE EL 412.13 - 255040 ML - 100.6% RELEASE NIL 421 OVERFLOW SEEPAGE RECORDED VISUAL OK
28-1-11	STORAGE EL 412.12 - 254860 ML - 100.5% RELEASE NIL 352 OVERFLOW SEEPAGE RECORDED 1.2mm VISUAL OK
29-1-11	STORAGE EL 412.10 - 254500 ML - 100.4% RELEASE NIL N/A OVERFLOW SEEPAGE RECORDED VISUAL OK
30-1-11	STORAGE EL 412.10 - 254500 ML - 100.4% RELEASE NIL N/A OVERFLOW SEEPAGE RECORDED VISUAL OK
31-1-11	STORAGE EL 412.09 254321 - 100.3% RELEASE NIL N/A OVERFLOW SEEPAGE RECORDED VISUAL OK
01/02/11	STORAGE EL 412.09, 254321 ML OR 100.3% RELEASE NIL FLOOD EVENT OVER, BACK TO STANDARD MONITORING, VISUAL INSPECTION OK
2/2/11	STORAGE EL 412.09 - 254321 ML - 100.3% RELEASE NIL VISUAL SURVEY OK SEEPAGE RECORDED
3-2-11	STORAGE EL 412.09 - 254321 ML - 100.3% RELEASE NIL VISUAL SURVEY OK
4-2-11	STORAGE EL 412.07 - 253963 ML - 100.1% RELEASE NIL VISUAL SURVEY OK - SEEPAGE RECORDED
5-2-11	STORAGE EL 412.06, 253784 ML OR 100.1% RELEASE NIL 412.06, 253784 ML OR 100.1% 412.02, 253068 ML OR 99.8% RELEASE NIL VISUAL SURVEY OK
6-2-11	STORAGE EL 412.01, 252889 ML OR 99.7% RELEASE NIL 412.06 253784 ML OR 100.1% 412.01, 252889 ML OR 99.7% VISUAL INSPECTION OK
7-2-11	STORAGE EL 412.06, 253784 ML OR 100.1% RELEASE NIL SEEPAGE & MONITORING OK
9-2-11	STORAGE EL 412.06 - 253784 ML - 100.1% RELEASE NIL VISUAL SURVEY OK 10.8mm MIN

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VISUAL INSPECTION  
DURING WATERS ALERT  
18:00

1-1-11	STORAGE EL - 412.34 - 25824 ML - 102.1% RELEASE NIL OVERFLOW 2706 ML - SEEPAGE MON - OK
2-1-11	STORAGE EL - 412.30 - 258100 ML - 101.8% RELEASE NIL OVERFLOW - 1514 ML - SEEPAGE MON OK - SURVEY
3-1-11	STORAGE EL - 412.31 - 258281 ML - 101.8% RELEASE NIL OVERFLOW 1121 SEEPAGE MON 4.6mm RAINFALL - SURV OK
4-1-11	STORAGE EL - 412.34 - 258824 ML - 102.1% RELEASE NIL OVERFLOW 1383 SEEPAGE MONITORED - 4.2mm RAINFALL - SURV OK
5-1-11	STORAGE EL - 412.40 - 259910 ML - 102.5% RELEASE NIL OVERFLOW SEEPAGE MONITORED 0.2mm RAINFALL
6-1-11	STORAGE EL - 412.46 - 261002 ML - 102.9% RELEASE NIL OVERFLOW 2540 SEEPAGE MONITORED - 31.4mm RAINFALL
7-1-11	STORAGE EL - 412.90 - 269090 - 106.1% RELEASE NIL OVERFLOW - SEEPAGE MONITORED - 12.4mm RAINFALL
8-1-11	STORAGE EL 412.87 - 268535 ML OR 105.9% RELEASE NIL 0.4mm RAIN, 9940 OVERFLOW
9-1-11	STORAGE EL 412.70 - 265400 ML OR 104.7% RELEASE NIL 0.6mm RAIN, 8651 ML OVERFLOW
10-1-11	STORAGE EL 412.58 - 263194 ML OR 103.8% RELEASE NIL 0.8mm RAIN, 5984 ML OVERFLOW
11-1-11	STORAGE EL 412.80 - 267240 ML OR 105.4% RELEASE NIL 49mm RAIN, 4990 ML OVERFLOW & STORAGE RISING, 1 HR MONITORING STARTED. ALL MONITORING DATA & COMMUNICATIONS RECORDS FILED AS PER EAP. VISUAL INSPECTION OF STRUCTURE GOOD.
12-1-11	STORAGE EL 413.53 - 280943 ML OR 110.8% RELEASE NIL RAIN FALL 18mm, STORAGE AT ITS PEAK OF 413.53 AT 6AM, STORAGE STARTED DROPPING FROM PEAK AT 09:00 HR TO 413.52, MONITORING AT 6HR INTERVALS STARTED AT 12:00 HRS. ALL MONITORING & INSPECTIONS SHOW CONDITION OF STORAGE AS GOOD.
13-1-11	STORAGE EL 413.20, 274690 ML OR 108.3% RELEASE NIL NO RAIN, ALL MONITORING GOOD.
14-1-11	STORAGE EL 412.86, 268350 ML OR 105.8% RELEASE NIL NO RAIN, ALL MONITORING GOOD.
15-1-11	STORAGE EL 412.64, 264296 OR 104.2% RELEASE NIL NO RAIN, ALL MONITORING GOOD.
16-1-11	STORAGE EL 412.49, 261548 ML OR 103.1% RELEASE NIL NO RAIN, 5372 ML OVERFLOW LAST 24 HRS, ALL MONITORING & INSPECTION OF SITE GOOD, STORAGE LEVEL STILL DROPPING.
17-1-11	STORAGE EL 412.40 - 259910 ML - 102.5% RELEASE NIL 3481 OVERFLOW SEEPAGE & VISUAL INSPECTION OK
18-1-11	STORAGE EL 412.33 - 258643 - 102.0% RELEASE NIL 2557 OVERFLOW SEEPAGE & VISUAL INSPECTION OK WATER SAMPLE TAKEN & RETURNED TO STATION AHEAD

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18/12/10	STORAGE EL 412.10, 254500ML OR 100.4% RELEASE NIL OVER FLOW 45ML, EAP STAGE 1 STARTED, ALL PARTIES CONTACTED AND MONITORING ONGOING, STORAGE RISING SLOW AT 8AM EL 412.11 SEEPAGE MONITORING STARTED
19/12/10	STORAGE EL 412.20, 256300ML OR 100.1% RELEASE NIL OVER FLOW 199ML, ALL MONITORING UNDERTAKEN, VISUAL INSPECTIONS OK NO CHANGE IN SEEPAGE, OVERFLOW STILL RISING
20/12/10	STORAGE EL 412.23, 256840ML OR 101.3% RELEASE NIL 644ML OVERFLOW, SEEPAGE LEAKING TAKEN & MONITORING OF DAM STRUCTURE UNDERTAKEN, NO RAIN, ALL IN WORKING ORDER
21/12/10	STORAGE EL 412.26, 257380ML OR 101.5% RELEASE NIL 816ML OVERFLOW, INSPECTION OF STRUCTURE & SEEPAGE MONITORING ONGOING, ALL WORKING, NO RAIN
22/12/10	STORAGE EL 412.26, 257380ML OR 101.5% RELEASE NIL 1057ML OVERFLOW, PIEZOMETER READINGS TAKEN, 3M CON OUTLET WORKS COMPLETED, SEEPAGE MONITORING & INSPECTION OF STRUCTURE ONGOING, NO RAIN
23/12/10	STORAGE EL 412.23, 256840ML OR 101.3% RELEASE NIL SEEPAGE MONITORING ONGOING, 2mm RAIN, SOFT SPOT ON DOWNSTREAM ROAD REPORTED AND MONITORING ONGOING, PHOTO'S TAKEN, INSPECTION OF SPILLWAY & WALL STRUCTURE OK, 945ML OVERFLOW
24/12/10	STORAGE EL 412.33, 256660ML OR 101.2% RELEASE NIL 670ML OVERFLOW, 6.2mm RAIN, CARRIED OUT ROUTINE MONITORING OF DAM STRUCTURE & DOWNSTREAM ROAD, TWS MONITORING COMPLETED, VISUAL INSPECTION OK
25/12/10	STORAGE EL 412.20, 256300ML OR 101.1% RELEASE NIL 642ML OVERFLOW, ALL MONITORING COMPLETED, DOWNSTREAM ROAD OK, NO RAIN OVERNIGHT, VISUAL SURVEY OK
26/12/10	STORAGE EL 412.19, 256120ML OR 101.0% RELEASE NIL 543ML OVERFLOW, 3.2mm RAIN, ALL MONITORING & INSPECTION UNDERTAKEN, DOWNSTREAM ROAD NO CHANGE, ALL OK
27/12/10	STORAGE EL 412.20, 256300ML OR 101.1% RELEASE NIL OVERFLOW 500ML, 10mm RAIN, ALL MONITORING & INSPECTIONS OK
28/12/10	STORAGE EL 412.59, 263377ML OR 103.9% RELEASE NIL OVERFLOW 559ML POST 24 HRS & RISING, SEEPAGE READINGS & MONITORING CARRIED OUT, ALL OK
29/12/10	STORAGE EL 412.64, 264296ML OR 104.2% RELEASE NIL OVERFLOW 5817ML, ALL INSPECTIONS & MONITORING UNDERTAKEN STORAGE LEVEL STARTING TO GO DOWN, ALL OK
30/12/10	STORAGE EL 412.53, 262279ML OR 103.4% RELEASE NIL OVERFLOW 5806ML, ALL MONITORING COMPLETE ALL OK
31/12/10	STORAGE EL 412.43, 260456ML OR 102.7% RELEASE NIL OVERFLOW 3810, INSPECTIONS & MONITORING ALL OK

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28-11-10	STORAGE EL - 410-46 - 226156 ML - 89.2% RELEASE NIL VISUAL SURVEY OK
29-11-10	STORAGE EL - 410-46 - 226156 ML - 89.2% RELEASE NIL VISUAL SURVEY OK - SEEPAGE RECORDED
30-11-10	STORAGE EL - 410-46 - 226156 ML - 89.2% RELEASE NIL VISUAL SURVEY OK
1-12-10	STORAGE EL - 410-46 - 226156 ML - 89.2% RELEASE NIL VISUAL SURVEY OK - SEEPAGE RECORDED 0.4mm RF
2-12-10	STORAGE EL - 410-47 - 226322 ML - 89.2% RELEASE NIL VISUAL SURVEY OK 9.4mm RF
3-12-10	STORAGE EL 410-48, 226488 ML - 89.3% RELEASE NIL VISUAL INSPECTION OR 3-8mm RAIN.
4-12-10	STORAGE EL - 410-48 - 226488 ML - 89.3% RELEASE NIL VISUAL SURVEY OK 1-8mm RF
5-12-10	STORAGE EL - 410-50 - 226820 ML - 89.4% RELEASE NIL VISUAL SURVEY OK 2-4mm RF
6-12-10	STORAGE EL - 410-52 - 227152 ML - 89.6% RELEASE NIL VISUAL SURVEY OK - SEEPAGE RECORDED
7-12-10	STORAGE EL - 410-58 - 228148 ML - 90% RELEASE NIL VISUAL SURVEY OK
8-12-10	STORAGE EL - 410-60 - 228480 ML - 90.1% RELEASE NIL VISUAL SURVEY OK - SEEPAGE RECORDED VNOTCH CAL
9-12-10	STORAGE EL 410-61, 228647 ML OR 90.2% RELEASE NIL VISUAL SURVEY OK
10-12-10	STORAGE EL 410-63, 228814 ML OR 90.5% RELEASE NIL VISUAL INSPECTION OR
11-12-10	STORAGE EL - 410-69, 229983 ML OR 90.7% RELEASE NIL 35.6mm RAIN, VISUAL INSPECTION OR
12-12-10	STORAGE EL 410-94, 234210 ML OR 92.4% RELEASE NIL 19mm RAIN, VISUAL INSPECTION OK
13-12-10	STORAGE EL 411-29, 240217 ML OR 94.7% RELEASE NIL TESTING, TWS & SEEPAGE MONITORING TAILEN VISUAL INSPECTION OK
14-12-10	EL 411-41, 242295, 95.5% INFLOW 2078, REN NIL
15-12-10	EL 411-50, VOL 244055, 96.2% INFLOW 1750ml RAIN 5.4mm / PT SEEPAGE MEASUREMENTS TAKEN. REN NIL
16-12-10	VISUAL INSPECTION OK OR NIL EL 411-68, VOL 247028, 97.4% INFLOW REN NIL RAIN NIL
17-12-10	VISUAL INSPECTION VIS & DIS WALLS ALL OK STORMS IMMINENT POWER BROWNOUTS ALL OK STORAGE EL 411-79, 248973 ML OR 98.2% RELEASE NIL 18.8mm RAIN, TWS MONITORING & SEEPAGE READINGS TAKEN MONITORING OF STORAGE LEVEL STARTED VISUAL INSPECTION OK



## Glenlyon Dam Event Report

### Emergency Event Recording Sheets

- Record of Communication sheet

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RECORD OF COMMUNICATIONS SHEET

Date	Time	Phone No.	Contact Person	Message sent / received	Calls made / received by
13/01/11	8:45		GRAHAM	STORAGE ECL & FLOW CONFIRM LANDLINE & MOBILE OUTAGE	
"	8:53		EEC JOHN	(MESSAGE LEFT) CONFIRM EVERYTHING ALL RIGHT PASS ON STORAGE ECL & FLOW	
"	12:35		GRAHAM	CONFIRM ALL IS GOOD, STORAGE DROPPING ALL OK	
"	18:15		GRAHAM	ALL OK, REPORTING IN.	
	18:30		PETER GOONDIWINDI	CHECKING ON SUNWATER STAFF, OK AT THIS STAGE.	
	18:40		TANYA SWAN	CHECKING ALL GOOD	
	18:45		EEC	CONFIRMING OK.	
14-01-11	8:55		GRAHAM	CONFIRM ALL OK	
	9:00		EEC JOHN	CONFIRM ALL OK	
15-01-11	7:30		RICKY	REL CHECKING ALL OK & STORAGE ECL	
	15:30		GRAHAM	STAFF CONFIRMING ALL OK	
16-01-11	07:38		GRAHAM	CONFIRM ALL OK	

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## RECORD OF COMMUNICATIONS SHEET

Date	Time	Phone No.	Contact Person	Message sent / received	Calls made / received by
11/01/11	19:20 PM		COUNTRY ENERGY KYLIE	REPORT POWER OUTAGE 649280	
	19:23		EEL RON	REPORT POWER OUTAGE & PHONE LINE OUT. UPDATE ON EL & OVERFLOW	
	19:40		TELSTRA. COULD NOT UNDERSTAND ORDER.	REPORT [REDACTED] OUT OF ORDER. 132999 (H1105)	
	19:50		TELSTRA.	REPORT PHONE LINE OUT OF ORDER REF 138625521 19/01/11	
	20:00		EEL RON	UPDATE FLOW & EL	
	23:10		SES STANTHANE	SEVEN RIVER BEEN DROPPING SINCE 14:00	
	23:30		SCOTT CATHNESS	REPORT ON RIVER HEIGHT	
	23:35		EEL RON	TAIL WATER GANGE HEIGHT NOT WORKING. BOTH LAND LINES NOT WORKING. MESSAGE LEFT.	
12/01/11	7:35		GRASME HARLANDS	CHECKING STORAGE HEIGHT & FLOW.	
	7:40		JILL RAY	CHECKING DAMAGE LOST EVERYTHING	
	9:00		YOGI	WATER VOLUME TO TEXAS	
13/01/11	8:40		PETER & RICKY	WATER STORAGE & FLOW	

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## RECORD OF COMMUNICATIONS SHEET

Date	Time	Phone No.	Contact Person	Message sent / received	Calls made / received by
11/01/11	6.07		SES MOREE STEVE	RIVER IN FLOOD	
	6.10		SES TENTERFIELD <del>KARL</del> GRAHAM	RIVER IN FLOOD.	
	6.12		SES INVERELL CHARLIE.	RIVER IN FLOODS.	
	6.13		SES WARWICK. <del>DAVID</del>	RIVER IN FLOOD.	
	6.15		SES STANTHROP MAX	RIVER IN FLOOD	
	6.23		SES INGLESWOOD.	RIVER IN FLOOD	
	6.25		SES GOONDIWINDI DAVID PRAW	RIVER IN FLOOD	
	8.00		RICK LDM KEARNEY GOONDIWINDI	RIVER FLOW & HEIGHT TOLD TO SPEAK TO PETER BILLSBACH.	
	9.00		JOHN EATON	CHECKING STORAGE HEIGHT & OVERFLOW.	
	9.45		JOHN EATON	CONFIRM POWER SUPPLY BACK ON	
	10.30		JOHN EATON	UPDATE - MAL REQUESTS WE READ PIEZOMETERS	
	16.00		GRAEME HARGREAVES	REPORTED EL 413.09 HOURLY MONITORING IF STABLE 2 HOURLY MONITORING	

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## RECORD OF COMMUNICATIONS SHEET

Date	Time	Phone No.	Contact Person	Message sent / received	Calls made / received by
6-1-11	530		GRAEME HARGRAVES	RANG ABOUT RAINFALL	
6-1-11	17:00		RON NEWMAN	RANG TO SAY ACTING EEC	
7-1-11	10:00		B. SWAN	B. SWAN RANG GRAEME TO MONITOR 4HRLY AS OF NOW	
11/01/11	01:00	EEC	JOHN EATON	CONFIRM STORAGE FLOW	
	01:00	SES TEXAS	YOGY.	CONFIRM DOWNSTREAM FLOW.	
"	5:00	TEXAS	POLICE GREG MORE	"	
	"		JOHN EATON	RIVER HEIGHT. & FLOW	
	"	SES TEXAS	YOGY	RIVER HEIGHT	
	" 5		MICK PETERS	STANDBY	
	5:30		DDC MALWICZ GREG MORROW		
	6:00		COUNTRY JULIE ANN	POWER OUTAGE. 699280	
	"		GRAHAM	RIVER HEIGHT & STORAGE HEIGHT.	

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## LOG OF EVENTS &amp; ACTIONS SHEET

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7-1-11	10AM	SEEPAGE & MONITORING HW EL - 412.94 26949ml TAIL EL - 2.28 10163.00	
	1400	SEEPAGE & MONITORING HW EL - 412.95 270020 TAIL EL 2.30 10368.00	
	18.00	SEEPAGE & MONITORING HW EL 412.94 - 26948ml TAIL EL 2.29 10265ml	
	2200	SEEPAGE + MONITOR HW EL 412.92 269462ml. TAIL EL 2.28 10163ml	
8.1.11	00.00	SEEPAGE & MONITOR HW EL 412.90 269090ml TAIL EL 2.25 9859ml	
	4.00	SEEPAGE + MONITOR HW EL 412.87 268535ml TAIL EL 2.21 9462ml	
	6.00	SEEPAGE & MONITORING HW EL 412.87 268535ml TAIL EL 2.19 9266 ml	
	10.00	SEEPAGE & MONITORING HW EL 412.85 268165ml TAIL EL 2.16 8976 ml	
	14.00	SEEPAGE & MONITORING HW EL 412.82 267610 ml TAIL EL 2.14 - 8786 ml	
	18.00	SEEPAGE + MONITOR HW EL 412.78 266872ml. TAIL EL 2.06 8043 ml	
	22.00	SEEPAGE + MONITOR HW EL 412.75 266320ml TAIL EL 1.98 7333 ml	
9.1.11	02.00	SEEPAGE & MONITORING HW EL 412.73 265952 ml TAIL EL 1.92 6822ml	

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## LOG OF EVENTS &amp; ACTIONS SHEET

Date	Time	Event description / Action carried out	Record entered by
6.1.11	22.00	HW EL 412.76 266504ml. SEEPAGE + MONITORING. TAIL 2.05. 7953 ml.	
6.1.11	23.00	HW EL 412.77 266688ml. SEEPAGE + MONITORING TAIL 2.07 8134ml	
6.1.11	00.00	HW EL 412.79 267056ml. SEEPAGE + MONITORING TAIL EL 2.11 8503ml	
7.1.11	01.00	HW EL 412.80 267240ml. SEEPAGE + MONITORING TAIL EL. 2.13 8691ml	
7.1.11	02.00	HW EL 412.84 267980ml. SEEPAGE + MONITOR TAIL EL 2.18 9169ml	
7.1.11	03.00	HW EL 412.87. 268535ml SEEPAGE + MONITOR TAIL EL. 2.21 9462ml	
7.1.11	04.00	HW EL 412.88 268720ml. SEEPAGE + MONITOR TAIL EL 2.22 9560ml	
7.1.11	05.00	HW EL 412.89 268905 SEEPAGE + MONITOR TAIL EL 2.26 9960ml	
7.1.11	06.00	HW EL 412.90 269090 SEEPAGE + MONITOR TAIL EL 2.28 10,163 ml	
7.1.11	7.00	HW EL 412.91 269276ml SEEPAGE + MONITORING TAIL EL 2.27-10,061 ml	
	8.00	HW EL 412.92 269462 SEEPAGE + MONITORING TAIL EL 2.29 10265	
	9.00	HW EL 412.93 269648 SEEPAGE + MONITORING TAIL EL 2.27 10,061ml	

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## LOG OF EVENTS &amp; ACTIONS SHEET

Date	Time	Event description / Action carried out	Record entered by
31-12-10	6:00	SEEPAGE READINGS TAKEN, MONITORING ONGOING ALL OK EL 412.43 TW 1.27 0.43	
31-12-10	10:00	SEEPAGE READINGS & MONITORING UNDERTAKEN EL 412.41 TW 1.24	
31-12-10	14:00	SEEPAGE READINGS & MONITORING UNDERTAKEN EL 412.39 TW 1.20	
31-12-10	18:00	SEEPAGE READINGS & MONITORING COMPLETE. HWEZ 412.37 TW 1.15	
1-1-11	6:00	SEEPAGE READINGS & MONITORING EL - 412.34	
1-1-11	10:00	SEEPAGE READINGS & MON EL - 412.32 TAIL - 1.13	
1-1-11	14:00	SEEPAGE READINGS & MONITORING EL - 412.32 TAIL 1.01	
1-1-11	1800	SEEPAGE READINGS & MON EL - 412.32 TAIL - 99	
2-1-11	6:00	SEEPAGE READINGS & MON EL - 412.30 TAIL - 93	
2-1-11	10:00	SEEPAGE READINGS & MON EL - 412.30 - 92	
2-1-11	14:00	SEEPAGE READ & MONITOR EL - 412.30 TAIL - 93	
2-1-11	1800	SEEPAGE READING & MONITOR EL - 412.30 TAIL - 93	

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## RECORD OF COMMUNICATIONS SHEET

Date	Time	Phone No.	Contact Person	Message sent / received	Calls made / received by
25/12/10	17:00		GRAHAM	CHECK STORAGE LEVEL, RAINFALL & DOWN STREAM ROAD.	
26/12/10	17:17		GRAHAM	CHECK STORAGE LEVEL, RAINFALL & DOWN STREAM ROAD	
27/12/10	8:30		GRAHAM	ALL OK	
	11:30		GRAHAM	CHECK STORAGE LEVEL & RAINFALL ALL OK CALL IN PETER AS STAND BY	
	12:00		RICKY	ALL OK GOONDIWINDI	
	12:00		PETER	ON STAND BY TRAVELLING TO GLENLYON <sup>ETA</sup> 12:00	
27/12/10	12:00		RON	CHECK STORAGE LEVEL & RAINFALL	
28/12/10	12:06		RON	DAM RISING FLOW OUT INCREASING.	
"	12:30		TEXAS POLICE	GREG MOORE. APPROX 2000ML FLOW NOW IN 24HR PERIOD.	
28	02:30		RON	DAM RISING OVERFLOW INCREASING	
	7:30		GRAHAM	DAM LEVELT OVERFLOW.	
	7:32		PETER	SENT TO COOLAHUNDA.	

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## RECORD OF COMMUNICATIONS SHEET

Date	Time	Phone No.	Contact Person	Message sent / received	Calls made / received by
20/12/10	11:30		GLENN. (LEFT MESSAGE) P FLUGER.	EMMA MEDIA CALLED STIG BENDER POST	
20/12/10	12:00		ANGELA. OPERATION S	MEDIA. (MESSAGE)	
"	12:20		ANGELA.	MEDIA CONTACT DETAILS ANGELA.	
	15:00		KARAN QUARTERMAINE	CHECKING STORAGE HEIGHT & OVERFLOW	
20/12/10	19:00		GRAHAM.	CHECKING STORAGE HEIGHT & OVERFLOW, ARRANGED FOR PETER TO BE BACK IN GORDONWIND WED AFTER	
21/12/10	8:30		JOHN EATON	CHECKING OVERFLOW & STORAGE HEIGHT	
22/12/10	13:30		ANDREW TEXAS POLICE	CHECKING OVERFLOW HEIGHT & CONDITIONS	
23/12/10	7:45		PETER CORRETT	CHECKING RAIN FALL & STORAGE HEIGHT	
24/12/10	8:00		GRAHAM HARGREAVES	CHECKING SOFT SPOT IN ROAD MONITORING EVERY 4 HRS NO CHANGE - STORAGE HEIGHT & RAINFALL	
24/12/10	9:00		RICK WOODWARD	CONFIRM PETER AS STANDBY PERSON FOR GLENLYON IF IN FLOOD ABOVE EL 42.52	
24/12/10	17:00		GRAHAM HARGREAVES.	STORAGE LEVEL & OVERFLOW a SOFT SPOT IN ROAD.	
24/12/10	18:00		JOHN EATON	STORAGE LEVEL & OVERFLOW SOFT SPOT IN ROAD OK	

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## RECORD OF COMMUNICATIONS SHEET

Date	Time	Phone No.	Contact Person	Message sent / received	Calls made / received by
18-12-10	10:45		GRAHAM	CONFIRM STANDBY OFFICER	
18-12-10	5:30 PM		GRAHAM	CONFIRM BOWY LINE IN PLACE. ALL OK. 5:30 LAST SEE PAGE READINGS TILL MORNING	
18-12-10	6:00		GRAHAM	CONTACTED GRAHAM CONFIRM FLOW RATE	
19-12-10	7:30		PETER BILLSBROOK	CONFIRM DAILY FIGURES	
11	8:00		GRAHAM	CONFIRM DAILY FIGURES.	
11	17:00	11	GRAHAM	CONFIRM STORAGE HEIGHT & RAIN FALL OK.	
20/11/10	8:00	11	GRAHAM	CONFIRM STORAGE LEVEL & ROSTER	

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## RECORD OF COMMUNICATIONS SHEET

Date	Time	Phone No.	Contact Person	Message sent / received	Calls made / received by
28/12/10	7:47		GRAHAM	OVER FLOW & STORAGE PETERED PETERED COOLMUNDA. 4HR MONITORING.	
"	9:55		RON	UPDATE ON OVER FLOW & SEEPAGE ALLOK	
29/12/10	9:00		GRAHAM	REPORT ON DAM & DOWNSTREAM STORAGE GOING DOWN ALL OK 4HR MONITORING DAYLIGHT HR	
30/12/10	7:50		GRAHAM	CONFIRM STORAGE HEED & FLOW	
31/12/10	14:50	"	GRAHAM	UPDATE ON OVER FLOW & STORAGE LEVEL.	

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22/1/11	6:00	SEEPAGE & MONITORING EL 412.20 TAIL 0.86	
23/1/11	6:00	SEEPAGE & MONITORING EL 412.18 TAIL 0.82	
24-1-11	6:00	SEEPAGE & MONITOR EL 412.16 TAIL -79	
25-1-11	6:00	SEEPAGE & MONITOR EL 412.15 TAIL -77	
26-1-11	6:00	SEEPAGE & MONITOR EL 412.14 TAIL -74	
27-1-11	6:00	SEEPAGE & MONITOR EL -412.13 TAIL -71	
28-1-11	6:00	SEEPAGE & MONITOR EL -412.12 TAIL -69	
29-1-11	6:00	SEEPAGE & MONITOR EL 412.10 TAIL -64	
30-1-11	6:00	SEEPAGE & MONITOR EL 412.10 TAIL -62	
31-1-11	6:00	SEEPAGE & MONITOR EL 412.09 TAIL -60	
1/2/11	6:00	END OF EVENT.	

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## LOG OF EVENTS &amp; ACTIONS SHEET

Date	Time	Event description / Action carried out	Record entered by
14/04/11	24:00	SEEPAGE READINGS & MONITORING EL 412.94 ALL READINGS DROPPING OK 106.4%	
14-1-11	6:00	SEEPAGE & MONITOR HW EL 412.86 105.8%	
14-1-11	18:00	SEEPAGE & MONITOR HW EL 412.74	
15-1-11	6:00	SEEPAGE & MONITOR HW EL 412.64 TAIL 1.82 104.2%	
15-1-11	18:00	SEEPAGE & MONITORING ALL OK HW EL 412.56 103.6%	
16-1-11	6:00	SEEPAGE & MONITORING HW 412.49 103.1% TAIL 1.49	
	18:00	SEEPAGE & MONITORING HW 412.44	
17-1-11	6:00	SEEPAGE & MONITOR HW EL 412.40 102.5% TAIL EL 1.28	
18-1-11	6:00	SEEPAGE & MONITOR HW EL 412.33 TAIL EL 1.15 1465 mL	
19-1-11	6:00	SEEPAGE & MONITORING HW EL 412.28 101.6% 4mm RAIN TAIL EL 1.05	
20-1-11	6:00	SEEPAGE & MONITORING HW 412.25 TW 0.97	
21-1-11	6:00	SEEPAGE & MONITORING HW 412.21 0.4mm RAIN TW 0.91	

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## LOG OF EVENTS &amp; ACTIONS SHEET

Date	Time	Event description / Action carried out	Record entered by
12/01/11	04:00	SEEPAGE & MONITORING SPILLWAY CREST 1.43m TAIL EL 413.52 = 280752 mL 110.7%	
	05:00	SEEPAGE & MONITORING EL 413.53	
	6:00	SEEPAGE & MONITOR EL 413.53	
	7:00	SEEPAGE & MONITOR CREST 1.44m HW EL 413.53	
	8:00	SEEPAGE & MONITOR HW EL 413.53	
	9:00	SEEPAGE & MONITOR HW EL 413.52	
	12:00	SEEPAGE & MONITOR HW EL 413.50 110.6%	
	18:00	SEEPAGE & MONITORING ALL OK HW EL 413.41 109.9% TAIL ?	
	24:00	SEEPAGE & MONITORING OK (HAD TO PUMP OUT LB) HW EL 413.31 109.1%	
13-1-11	6:00	SEEPAGE & MONITOR HW EL 413.20 108.3%	
"	12:00	SEEPAGE & MONITORING PHOTO'S TAKEN (LB PUMPED OUT FOR READING OK PROBABLY) HW EL 413.09 107.5%	
"	18:00	SEEPAGE & MONITORING TAKEN ALL OK GOING DOWN HW EL 413.00 106.8%	

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Date	Time	Event description / Action carried out	Record entered by
11-1-11	1600	SEEPAGE & MONITOR HW EL - 413.09 - 272633 ML TAIL EL - 2.56 - 13939 ML	
	1700	SEEPAGE & MONITOR HW EL - 413.15 - 273755 ML TAIL EL 2.64 - 15165 ML	
	1800	SEEPAGE & MONITORING HW EL 413.22 = 275068 ML 108.5% TAIL 2.77 - 17286 ML	
	1900	SEEPAGE & MONITORING HW EL 413.27 = 276013 ML 108.8% TAIL EL 2.86 - 18851 ML	
	20:00	SEEPAGE & MONITORING HW EL 413.33 = 277147 ML 109.3% TAIL 2.94 - <del>18851</del> 20800 ML	
	21:00	SEEPAGE & MONITORING HW 413.36 = 277714 109.5% TAIL 3.02 - 21833 ML	
	22:00	SEEPAGE & MONITORING HW 413.40 = 278470 ML 109.8% TAIL 3.09 - 23218 ML	
	23:00	SEEPAGE & MONITORING HW 413.43 = 279610 ML 110% TAIL	
12/01/11	24:00	SEEPAGE & MONITORING HW 413.46 = 279610 ML 110.3% TAIL	
12/01/11	01:00	SEEPAGE & MONITORING HW 413.49 = 280180 ML - 110.5% TAIL	
12/01/11	02:00	SEEPAGE & MONITORING HW 413.50 = 280370 ML - 110.6% FUEL GENERATOR TAIL	
12/01/11	03:00	SEEPAGE & MONITORING HW 413.51 = 280561 ML - 110.6% TAIL	

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Date	Time	Event description / Action carried out	Record entered by
9-1-11	6:00	SEEPAGE & MONITOR HW EL 412.70 265400 ML TAIL WATER 1.89-6573 ML	
9.1.11	12:00	SEEPAGE + MONITOR HW EL 412.66 266504 ML TAIL WATER EL 1.80 5855 ML	
	18:00	SEEPAGE + MONITOR HW EL 412.60 263560 ML TAIL EL 1.71 5178 ML	
10.1.11	00:00	SEEPAGE + MONITOR HW EL 412.60 266504 ML TAIL EL 1.68 4961 ML	
	6:00	SEEPAGE & MONITOR HW EL 412.58 263194 ML TAIL EL 1.65 4749 ML	
	12:00	SEEPAGE & MONITOR HW EL 412.58 263194 ML TAIL EL 1.65 4749 ML	
	18:00	SEEPAGE & MONITORING HW 412.59 TW 1.50 5105 ML	
11/01/11	24:00	SEEPAGE & MONITORING HW 412.66 TW 1.80	
	4:30	EL & TAIL READINGS & VISUAL INSPECTION TW 2.06 8881 ML EL 412.79	
	6:00	SEEPAGE & MONITORING EL 412.80 267240 ML TW 2.15 8881 ML	
	10:00	SEEPAGE & MONITORING HW EL 412.90 26920 ML TAIL 2.27 10061 ML	
	14:00	SEEPAGE & MONITORING HW EL 412.99-270764 ML TAIL EL 2.42-11939 ML	

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Date	Time	Event description / Action carried out	Record entered by
28/12/10	<del>18:00</del> 14:00	SEEPAGE READINGS & MONITORING CARRIED OUT. NO CHANGE IN DOWNSTREAM ROAD SPOT EL 412.66 TAIL 1.92	
28-12-10	18:00	Seepage readings & Monitoring Carried out EL 412.68 Tail 1.93 <del>NO CHANGE</del>	
28-12-10	22:00	Seepage readings & Monitoring Carried out EL 412.67 Tail 1.93	
29-12-10	2:00	Seepage reading & Monitoring Carried out EL 412-66 Tail 1.90	
29-12-10	6:00	SEEPAGE READINGS & MONITORING CARRIED OUT EL 412.64 REPORTING & INSPECTION OF STRUCTURE CARRIED OUT TW 1.87	
29-12-10	10:00	SEEPAGE READINGS, MONITORING & INSPECTION UNDERTAKEN EL 412.63 TW 1.82	
29-12-10	14:00	SEEPAGE READINGS & EL & TAIL WATER MONITORING, VISUAL INSPECTION O.K. EL 412.61 TW 1.77	
29-12-10	18:00	SEEPAGE READINGS TAKEN, INSPECTION OF STRUCTURE O.K. SEEPAGE ON DOWNSTREAM ROAD DRYING OUT. EL 412.59 TW 1.74	
30-12-10	6:00	REPORTING, SEEPAGE READINGS & INSPECTION ALL O.K. 412.53 TW 1.58	
30-12-10	10:00	SEEPAGE READINGS & MONITORING ALL O.K. 412.51 1.52	
30-12-10	14:00	SEEPAGE READINGS & MONITORING COMPLETED ALL O.K. EL 412.49 TAIL 1.47	
30-12-10	18:00	SEEPAGE READINGS & MONITORING ALL O.K. EL 412.48 TAIL 1.42	

GLENLYON DAM - EMERGENCY ACTION PLAN

## LOG OF EVENTS &amp; ACTIONS SHEET

Date	Time	Event description / Action carried out	Record entered by
26/12	0600	SEEPAGE READINGS & MONITORING, INSPECT DOWNSTREAM ROAD.	
	1000	MONITORING SEEPAGE - ROAD	
	14:00	MONITOR ROAD SEEPAGE.	
	18:00	MONITOR & SEEPAGE	
27/12/10	6:00	REPORTING MONITOR & SEEPAGE READ GAUGE BOARD 412.20 76	
	10:00	READ SEEPAGE & MONITOR. 412.20 76	
	14:00	REPORTING SEEPAGE 412.20 77	
	18:00	MONITORING & SEEPAGE READINGS. OK. PETER HERE 17:30 ON CALL AS STANDBY.	
	23:00	MONITOR & TAKE SEEPAGE READINGS. STORAGE RISING	
28/12/10	12:06	074642057 NO ANSWER. ROAD EEL LINE NOT RING TEXAS POLICE. DRAG MOBILE ✓ WORKING PROPERLY.	
	7:00	INSPECTION OF STRUCTURE & MONITORING OF DOWN STREAM ROAD. SEEPAGE READINGS TAKEN ALL OK	
	10:00	MONITORING & SEEPAGE READINGS ALL OK	

GLENLYNDAM - EMERGENCY ACTION PLAN

DUMARESBY BARROW BORDER RIVERS  
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## LOG OF EVENTS &amp; ACTIONS SHEET

Date	Time	Event description / Action carried out	Record entered by
23/12/10	8:00	REPORTED SOFT SPOT ON DOWN STREAM RD. REPORT + PHOTOS SENT TO PETER COLETT, MONITORING ON GOING	
23/12/10	10:00	SEEPAGE READINGS TAKEN VISUAL INSPECTION COMPLETED OK	
23/12/10	14:00	SEEPAGE READINGS TAKEN + STORAGE LEVELS. VISUAL INSPECTION OK	
23/12/10	18:00	INSPECTION OF STRUCTURE + SEEPAGE READINGS TAKEN OK	
24/12/10	6:00	INSPECTION + MONITORING OF STRUCTURE UNDERTAKEN, ALL OK	
24/12/10	10:00	INSPECT ROAD + WALL TAKE SEEPAGE READINGS	
24/12/10	14:00	INSPECT ROAD + STRUCTURE TAKE SEEPAGE READINGS	
	18:00	INSPECTION + SEEPAGE READINGS	
25/12/10	6:00	SEEPAGE READINGS + INSPECTION.	
	10:00	SEEPAGE READINGS + MONITORING	
	14:00	MONITORING + SEEPAGE INSPECT DOWN STREAM ROAD OK	
	18:00	MONITORING + SEEPAGE INSPECT DOWN STREAM ROAD OK	

GLENLYON DAM - EMERGENCY ACTION PLAN

DUMARESC BARWON BORDER RIVERS  
COMMISSION

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ISSUE 1

## LOG OF EVENTS &amp; ACTIONS SHEET

Date	Time	Event description / Action carried out	Record entered by
20/12/10	14:00	SEEPAGE TAKEN & INSPECTION COMPLETED	
20/12/10	14:15	FORWARD SEEPAGE & STORAGE READINGS TO TOWN & GRAHAM	
20/12/10	18:00	SEEPAGE READINGS NO CHANGE WALL INSPECTION ALL OK	
21.12.10	6:00	SEEPAGE READINGS NO CHANGE WALL INSPECTION ALL OK	
21.12.10	10:00	SEEPAGE READINGS NO CHANGE WALL INSPECTION ALL OK U/S MANUAL GAUGE BOARD READING	
21.12.10	14:00	CONTACT ROD DEW DEAN RE PHONE @ H/W. CHEN KLASSEN. SEEPAGE READINGS NO CHANGE WALL INSPECTION ALL OK. READ H/W GAUGE BOARD 412.26 TAIL WATER @.91	
21.12.10	18:00	INSPELT DAM WALL ALL OK SEEPAGE READINGS WELL DOWN 3mm (STILL)	
22.12.10	6:00	SEEPAGE READINGS & STORAGE LEVEL	
22.12.10	10:00	SEEPAGE READINGS & STORAGE LEVEL. PETER RETURN TO GOOWINDI.	
22.12.10	14:00	SEEPAGE READINGS TAKEN INSPECTION OF STRUCTURE COMPLETED	
22.12.10	16:00	SEEPAGE READINGS TAKEN & VISUAL INSPECTION	
23.12.10	6:00	SEEPAGE MONITORING & INSPECTION COMPLETED OK	

GLENLYON DAM - EMERGENCY ACTION PLAN

DUMAREGA BARWON BORDER RIVERS  
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## LOG OF EVENTS &amp; ACTIONS SHEET

Date	Time	Event description / Action carried out	Record entered by
17/12/10	9:00	(SEEPAGE READINGS) + SPILLWAY PHOTOS TAKEN	
18/12/10	5:30	EL. 412.09 - 412.10 SEEPAGE READINGS TAKEN + SPILLWAY PHOTOS	
18/12/10	8:00	L00 RIVER HEIGHT (BOM) -56 RISING SLOWLY	
	09:30	SEEPAGE READINGS TAKEN + PHOTOS	
	13:30	SEEPAGE READINGS TAKEN	
	17:30	SEEPAGE READINGS TAKEN + PHOTOS	
19/12/10	7:00	SEEPAGE READINGS TAKEN + PHOTOS ALL OK	
	11:00	RAIN JUST STARTING SEEPAGE READINGS + INSPECTION ALL OK	
	15:00	SEEPAGE READINGS TAKEN	
	19:00	SEEPAGE READINGS TAKEN	
20/12/10	6:00	SEEPAGE READINGS TAKEN	
	10:00	SEEPAGE READINGS TAKEN	

GLENLYON DAM - EMERGENCY ACTION PLAN

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## RECORD OF COMMUNICATIONS SHEET

Date	Time	Phone No.	Contact Person	Message sent / received	Calls made / received by
18/12/10	7.04		MORE SES STEVE MARTIN	DAM SPILLING	
"	7.10		SES TENTERFIELD KARAN.	"	"
"	7.12		SES INVERELL CHARLIE	"	"
"	7.15		SES WARWICK. JOHN.	"	"
"	7.18		SES STANTON MAX.	"	"
"	7.20		SES INGLEWOOD. ERIC MCGLASHER		"
"	7.37		POLICE TEXAS ANDREW.		"
"	7.39.		POLICE COORIN BUSHMAN (WARWICK)	WILL NOTIFY COORIN WINDI.	"
"	7.42		POLICE ASHFORD INVERELL	NOTIFIED DAM SPILLING	"
18/12/10	7-30		GRAHAM	RECEIVED GRAHAM CHECKING EL & CONTRACTS	
18/12/10	9-30		PETER STANDISH	RECEIVED ARRANGE TRIP	
18/12/10	9-20		KARAN Q	CHECK STORAGE LEVEL	

GLENLYON DAM - EMERGENCY ACTION PLAN

DUMARESC BARWON BORDER RIVERS  
COMMISSION

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REVISION 8, SEPTEMBER 06

## RECORD OF COMMUNICATIONS SHEET

Date	Time	Phone No.	Contact Person	Message sent / received	Calls made / received by
18/12/10	5-30pm		GRAHAM	<sup>SENT</sup> DAM SPILLING	
18/12/10	6-00		GRAHAM	45ML OVERFLOW	
18/12/10	6-30		DISASTER COORDINATOR NARWILL	<sup>SALIENT</sup> BUSHMAN DAM SPILLING	
"	6-45		IAN MCPHERSON	DAM SPILLING	
"	6-47		JOHN RAY MESSAGE	DAM SPILLING	"
"	6-50		BOB SOATH MESSAGE	DAM SPILLING	"
"	6-51		MAGNERS MESSAGE	DAM SPILLING	"
"	6-52		HUGH BEGG MESSAGE	DAM SPILLING	"
"	6-55		SES. CONTROLLER COORDINATOR	DAM SPILLING	"
"	6-57		LDMG COORDINATOR TEXAS INCIDENT (MESSAGE)	DAM SPILLING	"
18/12/10	7-00		LDMG (NO ANSWER)	DAM SPILLING	"

GLENLYON DAM - EMERGENCY ACTION PLAN



## RECORD OF COMMUNICATIONS SHEET

Date	Time	Phone No.	Contact Person	Message sent / received	Calls made / received by
17/12/10	8:05 AM		IAN McFELSON	SENT 24-48 HRS PRE WARN OF DAM SPILLING	
17/12/10	8:13 AM		JOTHAN RAY	"	"
17/12/10	8:20 AM		BOB SOUTH	"	"
17/12/10	8:25		R+J MAGNER	MESSAGE LEFT PRE-WARN DAM TO SPILL 24-48 HRS	BY "
17/12/10	8:27		HUGH BEGG	MESSAGE LEFT PRE-WARN OF DAM TO SPILL 24-48 HRS	
17/12/10	8:40		HUGH BEGG	" RECEIVED	
17/12/10	9:00		JODIE MAGNER	" RECEIVED	
17/12/10	12:30		KARAN QUATERNINNE	RECEIVED UPDATE DAM EL.	
17/12/10	13:25		GRAHAM HARGREAVES	RECEIVED UPDATE OF STORAGE LEVEL	
17/12/10	17:30		KARAN	CALLED TO UPDATE DAM RISE	
17/12/10	17:30		GRAHAM	CALLED TO UPDATE ON RISE	
17/12/10	21:45		GRAHAM HARGREAVES	RECEIVED UPDATE ON EL OF STORAGE. APPROX 6 HRS TO SPILL	

GLENLYON DAM - EMERGENCY ACTION PLAN



## RECORD OF COMMUNICATIONS SHEET

Date	Time	Call in/out Phone No.	Contact Person	Message sent / received	Calls made / received by
12/1/11	11:00am	IN	sunwater Richy Woodward	Face book Rumour Rumour (Pam has failed)	
12/1/11	11:01am	OUT	Karan SDCS Police District Disaster	Glenlyon is fine & have advised Dispersed Rumour	
12/1/11	9:05pm	IN	Mick Peters	Receding 1cm/hour	
14/1/11	7:00pm	IN	Brendon S	Brendon contacted emergency groups	
14/1/11	9:00am	IN	Brendon S	HW EL 412.86 6am 105.8%, mid night was 412.94	
14/1/11					

# LOG OF EVENTS & ACTIONS SHEET

Date	Time	Event description / Action carried out	Record entered by
7/1/11	7:00	DAM STATUS IN FROM DAM	
7/1/11	9:00	DAM STATUS TO KILL CONTACTS	
7/1/11	12:00	Advice from Mick P (Tw levels & discharge)	
11/1/11	1:00am	Seven River engulfed with water	
11/1/11	5:00am	Lost Power, SES contacted, Disaster group contacted	
11/1/11	9:40am	Power back on, Brendon	
11/1/11	10:50am	Mick Peters dam rising 1cm/hour currently 412.90	
11/1/11	19:30	Brendon Swann DAM Rising fast <del>2cm/hr</del> 6cm/hr. NOW AT 413.27.	
		NO POWER AT DAM	
11/1/11	20:20	ADVISED TEXAS POLICE OF RISK IN DAM LINE (COURTESY CALL)	
12/1/11	8:00	ADVISED DAM STATUS Mick EL 413.53 OWS/wing 1.44 Re 30,000	
12/1/11	9:30	EL CONTACTS - DAM STATUS.	

## LOG OF EVENTS & ACTIONS SHEET

Date	Time	Event description / Action carried out	Record entered by
18.12.10	6:00 AM	BROWDON RAN. DAM. OVERFLOWING.	 
18.12.10	7:00	RANK BROWDON ARRANGE PHONE CALLS AS PREPARED.	
18.12.10	7:05	CONTACT ITT WEB PAGE DOWN	
18.12.10	7:10	MATT BLINCKETT HAS WEB PAGE UP AGAIN	
18.12.10	7:30	RANK SIM MYNNE TO PATRICK OF OVERFLOW	
18.12.10	17:30	BROWDON SWAN UP DATE	
18.12.10	17:45	SIM MYNNE UP DATE	
19.12.10	6:00	BROWDON RANK UPDATE	
19.12.10	8:00	RANK SIM MYNNE UP DATE	
20.12.10	8:00	RANK BROWDON UPDATE	
20.12.10	9:00	RANK SIM MYNNE UP DATE	
6/1/11	18:00	EMC CONTACTS (DAM STATUS FLOW INCREASE)	

## Glenlyon Dam Event Report

### Emergency Event Recording Sheets

- EAP General Comments

From email 24-02-11


Hi John

Here at Glenlyon Dam we are still waiting for the (up dated and signed) new version of the EAP, however the existing EAP was used in conjunction with the relevant sections from the Tinaroo Falls Dam EAP, which has just been updated to meet SunWater's newer current format.

We operated this event on the EAP held on site at the storage.  
Regarding this EAP we found it effective and relevant to the site. This version contained instructions to provide local down stream residence with current and vital information regarding river height and flooding information during events. Providing this information in a timely manner is very important part of flood operations to insure the safety and wellbeing of all residence down stream of the storage.

Regards

Brendon Swan  
Storage Supervisor  
SunWater, Glenlyon Dam.



Glenlyon Dam Event Report

## Emergency Event Recording Sheets

- Photos during & after event























