

Fire & Flood Management Systems – Weekly Status

Prepared By: Rob Dugan

Week Commencing: Monday 9th December 2013

Acceptable
Item of Concern
High Risk

Flood Mitigation Systems		
Description	Comments	Status
Weather Forecast for next 7 days in relation to flooding	Outlook for the week is showers earlier in the week but no significant rain falls expected.	Acceptable
Capacity to store incoming water	Pond Levels are controlled with Dirty Water Pumps coping with any additional rain	
Fire Mitigation Systems		
Description	Comments	Status
Firefighting systems used for redundancy	Four Systems available	Acceptable
Grass fire fuel – grass slashing program	Slashing Contract commenced and 15% complete	
Fire Audit 2013	Audit 100% complete and actions items 80% complete. On track to finish actions Mid to late December	
CFA Training Exercise	First Exercise scheduled 11th December 2013.	
Mine Employee's Fire Training	100% completed	
Fire Fighting Vehicles – firefighting equipment/Booster pumps	Fire Trucks and Trailer Booster Pumps weekly check	
Fire Season Declared 18/11/13	Individual vehicle Audits of fire equipment to be carried out	
Mine Emergency Response Plan, Mine Fire Instructions & Mine Fire Policy – Current	Updates including title changes for individuals completed.	
Fire Response Systems		
Description	Comments	Status
Fire Service Pipes – Maintenance or Isolated prior to relocation	All Face Conveyor Headers available for operation	Acceptable
Conveyor Tail end and Head end feeds connected	All T/E & H/E feeds are in service except for M820 due to a Belt shift today	
Dirty Water Pump Station (Pumps dirty water to C&D tanks)	3 of 3 pumps available	
Clean Water Pump Station (Pumps to Pondage)	3 of 5 Pumps available, 1 Spare, 1 on maint.	
P/H 50 at Pondage	2 of 5 pumps available. Power supply is now capable of running more than 2 pumps at a time. Currently meeting availability requirements with the 2 pumps whilst the 3 rd & 4 th pump are being overhauled. Expected RTS 18/12/13 which will provide additional redundancy in the system	
P/H 53 at Pondage	5 of 6 Pumps available, 1 tagged out	
P/H 54 Grass level (Supplies RCB, TP5 & TP8)	2 of 3 Pumps available 3 rd pump being overhauled RTS 3 rd week in December.	
Idler backlog and replacement numbers	Outstanding Backlog. ? idlers as of 9th Dec	
Fire Related Issues to be managed in the next week		
Description	Comments	Status
Weather Forecast – next seven days	Maximum 24 deg. highest Temp for week on Thursday winds up to 20 km/h tending easterly showers earlier in the week	Acceptable
Maintenance activities that may affect fire systems or response	No major activities to affect fire systems.	
Fire Hot Spots status throughout the Mine.	5th Batter Hotspot remains plugged and does not	

	appear to be an issue at this point in time	
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Fire Management Systems – Weekly Status

Prepared By: Rob Dugan

Week Commencing: Monday, 21st January 2013

Acceptable
Item of Concern
High Risk

Fire Mitigation Systems		
Description	Comments	Status
Firefighting systems used for redundancy	Four Systems available.	Acceptable
Grass fire fuel – grass slashing program	100% complete with modified 2 nd slashing along major road ways	Acceptable
Fire Audit 2012	Internal, 100% Complete.	Acceptable
CFA Training Exercise	Training for the CFA within the Mine scheduled in February 2013.	Item of Concern
Mine Employee's Fire Training	Estimated 80% completed training remainder to be completed mid-January	Item of Concern
Fire Emergency Response Exercise	2 x Exercises completed for 2012. 4 x Exercises programmed for 2013	Acceptable
Fire Fighting Vehicles – firefighting equipment/Booster pumps	Fire Trucks and Trailer Booster Pumps weekly check Mine & P/Stn Fire Truck issues with ROPS cage	Item of Concern
Light Vehicles – Firefighting Pack Equipment	Is part of vehicle daily check to be audited monthly	Acceptable
Communication Systems	Checking system to be developed	Item of Concern
Fire Response Systems		
Description	Comments	Status
Fire Service Pipes – Maintenance or Isolated prior to relocation	All Face Conveyor Headers available for operation	Acceptable
Conveyor Tail end and Head end feeds connected	All T/E & H/E feeds are in service	Acceptable
Dirty Water Pump Station (Pumps dirty water to C&D tanks)	3 of 3 pumps available	Acceptable
Clean Water Pump Station (Pumps to Pondage)	3 of 5 Pumps available, 1 Spare, 1 on maint.	Acceptable
P/H 50 at Pondage	3 of 5 pumps available, 2 on maint.	Item of Concern
P/H 53 at Pondage	4 of 6 Pumps available, 2 on Maint.	Item of Concern
P/H 54 Grass level (Supplies RCB, TP5 & TP8)	3 of 3 Pumps available	Acceptable
CFA Relationship, Familiarisation	E.G other current fires locally, Developing better communication	Acceptable
Mine Emergency Response Plan, Mine Fire Instructions & Mine Fire Policy – Current	Updates including title changes for individuals completed.	Acceptable
Employee resource capacity in the event of fire	Employee resource expected to back to normal as holiday period finished	Acceptable
Idler backlog and replacement numbers	Outstanding Backlog of 116 idlers out of approx. 22,000 idlers	Acceptable
Fire Related Issues to be managed in the next week		
Description	Comments	Status
Weather Forecast – next seven days	Top Temp 36 for the week on Thursday with 30kph winds possible working restrictions in the mine.	Item of Concern
Maintenance activities that may affect fire systems or response	No major activities to affect fire systems	Acceptable
Fire Hot Spots status throughout the Mine.	Nth Batter Hotspot has been capped again and is constantly monitored.	Item of Concern

Fire Management Systems – Weekly Status

Prepared By: Rob Dugan

Week Commencing: Monday, 7th January 2013

Acceptable
Item of Concern
High Risk

Fire Mitigation Systems		
Description	Comments	Status
Firefighting systems used for redundancy	Four Systems available.	Acceptable
Grass fire fuel – grass slashing program	95% complete with additional slashing required on Strezlecki Hwy.	Acceptable
Fire Audit 2012	Internal, 100% Complete.	Acceptable
CFA Training Exercise	Training for the CFA within the Mine scheduled in February 2013.	Item of Concern
Mine Employee's Fire Training	Estimated 80% completed training remainder to be completed mid-January	Item of Concern
Fire Emergency Response Exercise	2 x Exercises completed for 2012. 4 x Exercises programmed for 2013	Acceptable
Fire Fighting Vehicles – firefighting equipment/Booster pumps	Fire Trucks and Trailer Booster Pumps weekly check Mine & P/Stn Fire Truck issues with ROPS cage	Item of Concern
Light Vehicles – Firefighting Pack Equipment	Is part of vehicle daily check to be audited monthly	Acceptable
Communication Systems	Checking system to be developed	Item of Concern
Fire Response Systems		
Description	Comments	Status
Fire Service Pipes – Maintenance or Isolated prior to relocation	All Face Conveyor Headers available for operation	Acceptable
Conveyor Tail end and Head end feeds connected	All T/E & H/E feeds are in service	Acceptable
Dirty Water Pump Station (Pumps dirty water to C&D tanks)	3 of 3 pumps available	Acceptable
Clean Water Pump Station (Pumps to Pondage)	3 of 5 Pumps available, 1 Spare, 1 on maint.	Acceptable
P/H 50 at Pondage	4 of 5 pumps available, 1 on maint.	Acceptable
P/H 53 at Pondage	4 of 6 Pumps available, 2 on Maint.	Item of Concern
P/H 46 Grass level (Supplies RCB, TP5 & TPS)	3 of 3 Pumps available	Acceptable
CFA Relationship, Familiarisation	E.G other current fires locally, Developing better communication	Acceptable
Mine Emergency Response Plan, Mine Fire Instructions & Mine Fire Policy – Current	Updates including title changes for individuals completed.	Acceptable
Employee resource capacity in the event of fire	Employee resource expected to back to normal as holiday period finished	Acceptable
Idler backlog and replacement numbers	Outstanding Backlog of 177 idlers out of approx. 22,000 idlers	Acceptable
Fire Related Issues to be managed in the next week		
Description	Comments	Status
Weather Forecast – next seven days	Top Temp 34 for the week on Monday, no significant winds with some rain during the week.	Item of Concern
Maintenance activities that may affect fire systems or response	No major activities to affect fire systems	Acceptable
Fire Hot Spots status throughout the Mine.	Nth Balter Hotspot has been capped and is posing no threat at this stage.	Item of Concern

Fire Management Systems – Weekly Status

Prepared By: Rob Dugan

Week Commencing: Monday, 31st December 2012

Acceptable
Item of Concern
High Risk

Fire Mitigation Systems		
Description	Comments	Status
Firefighting systems used for redundancy	Four Systems available.	Acceptable
Grass fire fuel – grass slashing program	90% complete with 3 Slashers Operating.	Acceptable
Fire Audit	Internal, 100% Complete.	Acceptable
CFA Training Exercise	Training for the CFA within the Mine scheduled in February 2013.	Item of Concern
Mine Employee's Fire Training	Estimated 80% completed training remainder to be completed mid-January	Item of Concern
Fire Emergency Response Exercise	2 x Exercises completed for 2012. 4 x Exercises programmed for 2013	Acceptable
Fire Fighting Vehicles – firefighting equipment/Booster pumps	Fire Trucks and Trailer Booster Pumps weekly check Mine & P/Stn Fire Truck issues with ROPS cage	Item of Concern
Light Vehicles – Firefighting Pack Equipment	Is part of vehicle daily check to be audited monthly	Acceptable
Communication Systems	Checking system to be developed	Item of Concern
Fire Response Systems		
Description	Comments	Status
Fire Service Pipes – Maintenance or Isolated prior to relocation	All Face Conveyor Headers available for operation	Acceptable
Conveyor Tail end and Head end feeds connected	All T/E & H/E feeds are in service	Acceptable
Dirty Water Pump Station (Pumps dirty water to C&D tanks)	3 of 3 pumps available	Acceptable
Clean Water Pump Station (Pumps to Pondage)	3 of 5 Pumps available, 1 Spare, 1 on maint.	Acceptable
P/H 50 at Pondage	4 of 5 pumps available, 1 on maint.	Acceptable
P/H 53 at Pondage	4 of 6 Pumps available, 2 on Maint.	Item of Concern
P/H 46 Grass level (Supplies RCB, TP5 & TP8)	3 of 3 Pumps available	Acceptable
CFA Relationship, Familiarisation	E.G other current fires locally, Developing better communication	Acceptable
Mine Emergency Response Plan, Mine Fire Instructions & Mine Fire Policy – Current	Updates including title changes for individuals completed.	Acceptable
Employee resource capacity in the event of fire	New Year holidays this period , 1x7 & 2x12 rostered on but minimum maintenance & Office personnel	Item of Concern
Idler backlog and replacement numbers	Outstanding Backlog of 177 idlers out of approx. 22,000 idlers	Acceptable
Fire Related Issues to be managed in the next week		
Description	Comments	Status
Weather forecast – next seven days	Top Temp 38 Friday but no winds / Max. winds during week expected 35kmh on Tuesday	Item of Concern
Maintenance activities that may affect fire systems or response	No major activities to affect fire systems	Acceptable
Fire Hot Spots status throughout the Mine	Nth Batter Hotspot has opened up requiring clay to be trucked in to smother it. Estimated to be complete by end of Monday 31 st Dec.	High Risk

Fire Management Systems – Weekly Status

Prepared By: Rob Dugan

Week Commencing: Monday, 17th December 2012

Acceptable
Item of Concern
High Risk

Fire Mitigation Systems		
Description	Comments	Status
Firefighting systems used for redundancy	Four Systems available.	
Grass fire fuel – grass slashing program	90% complete with 3 Slashers Operating.	
Fire Audit	Internal, 100% Complete.	
CFA Training Exercise	Training for the CFA within the Mine scheduled in February 2013.	
Mine Employee's Fire Training	Estimated 80% completed training remainder to be completed mid-December	
Fire Emergency Response Exercise	One completed in August, second exercise completed December 2012	
Fire Fighting Vehicles – firefighting equipment/Booster pumps	Fire Trucks and Trailer Booster Pumps weekly check	
Light Vehicles – Firefighting Pack Equipment	Is part of vehicle daily check to be audited monthly	
Communication Systems	Checking system to be developed	

Fire Response Systems		
Description	Comments	Status
Fire Service Pipes – Maintenance or Isolated prior to relocation	All Face Conveyor Headers available for operation	
Conveyor Tail end and Head end feeds connected	All T/E & H/E feeds are in service	
Dirty Water Pump Station (Pumps dirty water to C&D tanks)	3 of 3 pumps available	
Clean Water Pump Station (Pumps to Pondage)	3 of 3 Pumps available	
P/H 50 at Pondage I	5 of 5 pumps available	
P/H 53 at Pondage	4 of 6 Pumps available	
P/H 46 Grass level (Supplies RCB, TP5 & TP8)	3 of 3 Pumps available	
CFA Relationship, Familiarisation	E.G other current fires locally, Developing better communication	
Mine Emergency Response Plan, Mine Fire Instructions & Mine Fire Policy – Current	Updates including title changes for individuals completed.	
Employee resource capacity in the event of fire	No major holiday period in the next week	
Idler backlog and replacement numbers	Outstanding Backlog of Idlers & completed No.'s to be documented next week	

Fire Related Issues to be managed in the next week		
Description	Comments	Status
Weather Forecast – next seven days	Top Temp 30 with rain at the same time / Max winds during week expected 22kmh	
Maintenance activities that may affect fire systems or response	No major activities to affect fire systems	
Fire Hot Spots status throughout the Mine.	November Inspection completed all Okay	

Fire Management Systems – Weekly Status

Prepared By: Rob Dugan

Week Commencing: Monday, 19th of November 2012

Acceptable
Item of Concern
High Risk

Fire Mitigation Systems		
Description	Comments	Status
Firefighting systems used for redundancy	Four Systems available.	Acceptable
Grass fire fuel – grass slashing program	Has commenced 15% complete and is ramping up.	Acceptable
Fire Audit	Internal, 90% Complete.	Item of Concern
CFA Training Exercise	Training for the CFA within the Mine scheduled in December 2012.	Item of Concern
Mine Employee's Fire Training	Estimated 90% completed training remainder to be completed mid-December	Item of Concern
Fire Emergency Response Exercise	One completed in August, second exercise due in December 2012	Item of Concern
Fire Fighting Vehicles – firefighting equipment/Booster pumps	Fire Trucks and Trailer Booster Pumps weekly check 2x Fire trucks Mechanical issues	Item of Concern
Light Vehicles – Firefighting Pack Equipment	Is part of vehicle daily check to be audited monthly	Acceptable
Communication Systems	Checking system to be developed	Item of Concern

Fire Response Systems		
Description	Comments	Status
Fire Service Pipes – Maintenance or Isolated prior to relocation	All Face Conveyor Headers available for operation	Acceptable
Conveyor Tail end and Head end feeds connected	All T/E & H/E feeds are in service	Acceptable
Dirty Water Pump Station (Pumps dirty water to C&D tanks)	3 pumps available	Acceptable
Clean Water Pump Station (Pumps to Pondage)	3 Pumps available	Acceptable
P/H 50 at Pondage	5 pumps available	Acceptable
P/H 53 at Pondage	4 pumps available out of 6 Pumps	Item of Concern
P/H 46 Grass level (Supplies RCB, TP5 & TP8)	3 Pumps available	Acceptable
CFA Relationship, Familiarisation	E.G other current fires locally, Developing better communication	Acceptable
Mine Emergency Response Plan – Current, Communicated and Adhered to	Any updates including title changes for individuals to be completed by end of November	Item of Concern
Employee resource capacity in the event of fire	No major holiday period in the next week	Acceptable

Fire Related Issues to be managed in the next week		
Description	Comments	Status
Weather Forecast – next seven days	Top Temp 26 / winds up to 18kmh	Acceptable
Maintenance activities that may affect fire systems or response	No major activities to affect fire systems	Acceptable