

M'MBELWA DISTRICT COUNCIL

2011 ENVIRONMENTAL AND SOCIAL MANAGEMENT PLANS FOR CONSTRUCTION OF TEACHERS HOUSES UNDER LDF

NAME OF SCHOOL : Mphimbi

TA: Mtwalo

Constituency: Mzimba West

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL -Matala

TA: Mpherembe

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area loss of trees for brick burning and roofing	establish woodlots in schools and plant trees in degraded areas	PMC/DFD						
	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Chang'anga  
Constituency, Mzimba Central

TA: Chindi

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended		PMC					
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL - Yakuwata

TA: Chindi

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame						
				Aug	Sept	Oct	Nov	Dec	Jan	
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area loss of trees for brick burning and roofing	establish woodlots in schools and plant trees in degraded areas	PMC/DFO							
	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC							
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities							
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities							
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor							
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC							
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC							
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO							
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW							
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC							
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC							
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW							

NAME OF SCHOOL : Milimo  
 Constituency, Mzimba North East

TA: Kapingo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended		PMC					
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Lusangai  
 Constituency, Mzimba North East

TA: Kapingo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended		PMC					
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

Name of School: Kabanda  
Constituency: Mzimba North

TA: Mtwalo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Madise  
Constituency, Mzimba North

TA: Mtwalo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						



NAME OF SCHOOL : Ching'anyi  
 Constituency: Mzimba Hora

TA: Chindi

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and Terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFD						
	loss of trees for brick burning and roofing								
	some small animals will be lost due to habitat loss by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended		PMC					
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DDP/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Chinyama  
Constituency, Mzimba East

TA: Kapingo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PM/C/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PM/C						
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	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
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	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Chiwembe  
Constituency, Mzimba East

TA: Kapingo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended		PMC					
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Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Chavirwa  
Constituency, Mzimba West

TA: Mbelwa

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
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	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Vwandamire  
 Constituency, Mzimba West

TA: Mbelwa

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PM/C/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PM/C						
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
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Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF THE SCHOOL: Mzambazi  
Constituency: Mzimba Central

TA: Mzukuzuku

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
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soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
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	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
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	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Kanyekhunde

TA: Mbelwa

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame						
				Aug	Sept	Oct	Nov	Dec	Jan	
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area loss of trees for brick burning and roofing	establish woodlots in schools and plant trees in degraded areas	PMC/DFD							
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	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor							
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	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO							
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW							
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC							
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC							
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW							

NAME OF SCHOOL : Choma  
 Constituency: Mzimba North East

TA: Makulabo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and Terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
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	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DDP/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						



NAME OF SCHOOL : Emsizini  
 Constituency, Mzimba North East

TA: Mabalabo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Thofu  
Constituency, Mzimba North

TA: Jalavikuwa

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Thope

TA: Jalavikuwa

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Chigude  
Constituency, Mzimba East

TA: Kapingo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF THE SCHOOL: Bolomombwe  
 Constituency: Mzimba Hora

TA: Chindi

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Luperere  
Constituency, Mzimba Hora

TA: Chindi

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PM/C/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PM/C						
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Kathibi  
Constituency, Mzimba East

TA: Kapingo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Mharaunda  
Constituency, Mzimba Solola

TA: Mbelwa

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						



NAME OF SCHOOL : Kabuku  
 Constituency, Mzimba Solola

TA: Maikubola

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Mlazamla  
Constituency, Mzimba South West

TA: Mbelwa

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PM/C/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PM/C						
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF THE SCHOOL: Chizimia  
Constituency: Mzimba South West

TA: Mbelwa

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Chivukutu  
Constituency, Mzimba Luwelesi

TA: Mabilabo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Perete  
 Constituency: Mzimba Luwelezi

TA: Mabilabo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and Terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
	some small animals will be lost due to habitat loss by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended		PMC					
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DDP/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Mzazi  
Constituency, Mzimba South

TA: Maikubola

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Makhosikazi  
Constituency, Mzimba South

TA: Mzukuzuku

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Kayeyo  
Constituency, Mzimba South

TA: Mzukuzuku

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PM/C/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PM/C						
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						



NAME OF SCHOOL : Damushani  
Constituency, Mzimba South East

TA: Khosolo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF THE SCHOOL:Mgoza  
Constituency:Mzimba South East

TA: Khosolo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Mbirwiza  
 Constituency: Mzimba East

TA: Kapingo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Kavtowo

TA: Mbelwa

Constituency: Mzimba Solola

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame						
				Aug	Sept	Oct	Nov	Dec	Jan	
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area loss of trees for brick burning and roofing	establish woodlots in schools and plant trees in degraded areas	PMC/DFD							
	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC							
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities							
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities/PMC							
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor							
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC							
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC							
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO							
Human	Increased employment opportunity	employ locals in the project area	DDP/DPW							
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC							
	increase of vector-borne infection due to construction tanks created for the project	demolish tanks after construction	contractor/SMC							
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC							
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW							

NAME OF SCHOOL : Njoka

TA: Mbelwa

Constituency: Mzimba Sokola

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame				
				Aug	Sept	Oct	Nov	Dec
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO					
	loss of trees for brick burning and roofing							
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC					
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities					
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities					
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor					
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC					
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC					
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO					
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW					
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC					
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC					
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW					

NAME OF SCHOOL : Kaulira  
 Constituency: Mzimba South West

TA: Mzukuzuku

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Kavvula  
Constituency, Mzimba South West

TA: Mbelwa

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Mchirawengo  
Constituency: Mzimba Luwerozi

TA: Mabilabo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						



NAME OF THE SCHOOL: Entandweni  
 Constituency: Mzimba Luwerozi

TA: Mabilabo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Kazingilira  
Constituency, Mzimba South

TA: Maikubola

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended							
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Etheheni  
Constituency, Mzimba South

TA: Maikubola

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PM/C/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PM/C						
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF SCHOOL : Kabwira  
Constituency, Mzimba South East

TA: Khosolo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PM/C/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PM/C						
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF THE SCHOOL: Katambatamba  
 Constituency: Mzimba South East

TA: Khosolo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	enhance natural regeneration	Communities						
	erosion of top soils due to land clearing and tree cutting	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	dispose debris in appropriate disposal sites	Contractor						
Air	Piles of debris from construction materials								
	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF THE SCHOOL: Thundwe  
 Constituency: Mzimba East

TA: Kampingo

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and Terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFD						
	loss of trees for brick burning and roofing								
	some small animals will be lost due to habitat loss by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
soil/Land	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DDP/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						

NAME OF THE SCHOOL: Kamwaphimbi  
Constituency: Mzimba Solola

TA: Maikubola

Environmental Component	Expected Impacts	Proposed Mitigation Measures	Responsibility	Time Frame					
				Aug	Sept	Oct	Nov	Dec	Jan
Flora and terrestrial fauna	Loss of vegetation cover due to land clearing for brick moulding and construction area	establish woodlots in schools and plant trees in degraded areas	PMC/DFO						
	loss of trees for brick burning and roofing								
soil/Land	some small animals will be lost due to habitat loss ie by deforestation and soil excavation	Avoid destructive cutting of tree, random tree cutting is recommended	PMC						
	erosion of top soils due to land clearing and tree cutting	enhance natural regeneration	Communities						
	Borrow pit are expected due to brick moulding which could be breeding sites for mosquitoes thus increase in vector borne infections. Pit could also be hazard for accidents for children playing around	backfill borrow pits and sensitise communities on disease prevention	Communities						
	Piles of debris from construction materials	dispose debris in appropriate disposal sites	Contractor						
Air	air pollution due to dust during land excavation for brick making, sand mining and stone breaking (quarry). Can lead to infection (cough, flu)	Sensitise communities on dangers of dust and need to use protective gear	EDO/PMC						
Water	water pollution due to sand mining and increase frequency of drawing water from the river for brick making	Schedule project activities (drawing water) to ensure other users benefit from the same resource	contractor/PMC						
	siltation of river courses	conduct sensitisation of the need to conserve the river reserve area	DWO						
Human	Increased employment opportunity	employ locals in the project area	DPD/DPW						
	Increase in STIs and HIV	conduct sensitisations on prevention of STI and HIV	PMC						
Sustainability	Loss of property due to theft	empower community policing for school projects	SMC						
	Compromised quality of materials and workmanship	empower PMC and local leaders to monitor project implementation	DPW						