

APPENDIX
**(PRESENT CONDITIONS OF EXISTING
DETENTION POND)**

Retention Ponds in Sungai Petani No. 1

Name of Development	Taman Wira Jaya		
Developed Area	17.1 ha	Year of Construction	
Area of Pond	2,000 m ²	Depth of Pond	3.0 m
Storage Capacity	4,800 m ³	Catchment Area	17.1 ha
Additional Function	Oxidation for Domestic Wastewater		
Drainage System	Sg. Air Mendidih, Sg. Petani		
Outlet Structure and Maintenance	<ul style="list-style-type: none"> •concrete pipe with a circle 0.6 m in diameter and sliding gate (being fastened with rust) •poor maintenance (weeding work is necessary) 		
Environmental Condition	<ul style="list-style-type: none"> •thick growth of water lily and weeds 		
Overview of Pond			



Outlet Structure





*Taman Wira &
Wira Jaya*

Retention Ponds in Sungai Petani No. 2

Name of Development	Taman Ria		
Developed Area	111.7 ha	Year of Construction	
Area of Pond	23,260 m ²	Depth of Pond	3.0 m
Storage Capacity	55,820 m ³	Catchment Area	111.7 ha
Additional Function	Oxidation for Domestic Wastewater		
Drainage System	Sg. Tukang		
Outlet Structure and Maintenance	<ul style="list-style-type: none"> •sliding gate with 1.5 m width •poor maintenance (weeding work is necessary) 		
Environmental Condition	<ul style="list-style-type: none"> •thick growth of water lily and lots of floating rubbish •thick sludge accumulation and offensive odor 		

Overview of Pond



Outlet Structure



