

## Operations Division

Target	% Complete	Verification
<b>RESOURCE USE</b>		
Save HK\$6.7 million on energy budget by implementing energy saving initiatives	100	✓
Complete the retrofitting exercise at the Choi Hung (CHH) centre track platform	100	
Replace 3 chillers with non-ozone depleting substance, R134a	100	
Reduce water consumption by 3%	100 <sup>1</sup>	✓
Reduce hazardous chemical consumption by 5%	100	
Reduce printing paper consumption by 5%	50 <sup>2</sup>	
<b>ENVIRONMENTAL IMPACT REDUCTION</b>		
Ensure all new wheel sets have dampers	100	
Maintain or better the level of wheel turning activity in 2000	100	
Maintain or better the level of rail grinding activity achieved in 2000	90 <sup>3</sup>	
Award contract for new higher capacity rail grinding train	100	
50% of the redundant rail joints at the open section from CHH to LAT will be removed	100	
Maintain flange lubricators fitted to LAR trains.	100	
Maintain the rail lubricators fitted to 6 units on 3 URL.	100	
Complete installation of an acoustic barrier system in the fixed high platform OHL wagon	100	
Continue to monitor noise from the LAR.	100	✓
Test under floor noise monitoring system.	75 <sup>4</sup>	
Continue to monitor noise at 27 sensitive receivers adjacent to the open sections of MTR lines	100	✓
Complete the rolling stock noise study for the Kwun Tong Line and examine measures for reducing noise	100	
Continue to undertake the retrofitting exercise for public address systems and conduct acoustic test at North Point Station.	100	
<b>AIR QUALITY IMPROVEMENT</b>		
Conduct indoor air qualities surveys at 3 transport interchanges and achieve 100% compliance with the design standards	100	✓
Continue to monitor indoor air quality at 40 URL and LAR stations	100	✓
Conduct radon surveys for TWL and achieve 100% compliance with the WHO limits	99 <sup>5</sup>	✓
<b>WASTES REDUCTION</b>		
Roll out the passenger waste paper recycling activity from 4 trial stations to others.	100	
Extend waste recycling activity to cover metallic and plastic wastes.	100	
Recycle all waste metal	100 <sup>6</sup>	
Award oil-recycling Contract and achieve 100% recycling of waste oil.	100 <sup>7</sup>	✓
Adopt acid detergent which contains no volatile organic compound and no COD or BOD at one URL train-wash.	100	
Complete modification works at KBD	100	
Maintain a quarterly wastewater-monitoring program to monitor discharges from stations, tunnels and depots.	100	
Install wastewater treatment systems and undertake external pipeline diversions to achieve 100% compliance with WPCO.	99 <sup>8</sup>	
Conduct asbestos removal work in 14 URL stations.	100	✓
<b>ENVIRONMENTAL EDUCATION &amp; TRAINING</b>		

<b>Target</b>	<b>% Complete</b>	<b>Verification</b>
Maintain and/or increase the percentage of staff joining the Working Group (67% in 2000)	100	
Maintain and / or increase the level of activity achieved by the Environmental Protection Working Group in 2000	100	
Maintain and reinforce training in EMS and legislative requirements (320 staffs trained in 2000)	100	
Maintain and/or increase the number of seminars given by EPD and encourage staff to attend (5 seminars to 200 MTR Staff in 2000).	100	
Maintain the commitment in 2000 to conduct external visits to promote environmental awareness outside the Company.	100	
<b>OTHERS</b>		
Comply with EIA Ordinance	100	
Identify and review all necessary works instructions with potential environmental implications.	100	
Ensure environmental specifications are included in all contracts with sum over HK\$5,000,000	100	✓
<b>ENVIRONMENTAL MANAGEMENT SYSTEM (EMS)</b>		
Carry out divisional EMS for Consultancy Services and Transport Planning.	100	
Develop and implement Water and Indoor Air Quality Information Systems to support the EMS.	100	
Commence system audits of the divisional EMS.	100	
Examine how best the EMS system can be integrated with the Safety and Quality Management Systems in the Operations Division.	100	✓
<b>AUDITS AND REPORTING</b>		
Undertake internal audits to ensure the implementation of the last audit' s recommendations	100	
Issue an internal energy audit report. Develop an audit protocol for subsequent energy audits	100	✓
Achieve the target of less than 30 cases of environmental complaints in 2001	100	✓

<sup>1</sup> 5.9% reduction by major water consumers (stations), reduction in offices and depots not known. <sup>2</sup> Some departments reduced paper consumption by at least 5%, reduction for other offices not known. <sup>3</sup> Length of rail ground in 2001 was 90% of that in 2000 due to breakdown of Rail Grinding Unit. <sup>4</sup> Monitoring system at design stage. <sup>5</sup> Of 76 monitoring points in the 14 TWL stations, 75 are within the WHO limits. One monitoring location requires more detailed monitoring – this will be conducted in 2002. <sup>6</sup> All collectable metal. <sup>7</sup> All recyclable oil. <sup>8</sup> WPCO compliance is 99%.