

ASPECTS AND IMPACTS REGISTER														RISK ASSESSMENT						
ENVIRONMENT THEME	ASPECT/ACTIVITY	AIR	CLIMATE	HUMAN	RESOURCE	WATER	LAND	IMPACT	STANDARDS/CODES OF PRACTICE	CONTROLS/INFLUENCE	LEGAL REQUIREMENT	SUPPLY BASE LOCATION	RESPONSIBILITY/OWNER	LIKELIHOOD	SEVERITY	SCORE	DOCUMENTATION/ PROCEDURES	RECORDS	LOCATION	MEASURING/ MONITORING
1	Waste	Solid waste generated from OEG facility				X	X	Inappropriate disposal of solid or liquid waste resulting in contamination	Collection of Domestic Waste (NSW) Code of Practice Industrial Waste Resource Guidelines (IWRG) o Waste Categorisation (Vic) (IWRG600.2) o Soil sampling guidelines (Vic) (IWRG702)	Site Environment Plans Internal Environment Audits Site Inspections All waste streams are securely stored in labelled cages/containers Waste Segregation - Disposal in appropriate bins Waste Storage - Skips Bins/Bunded IBC Waste reporting Assessment of Waste Contractors Employee Induction Incident Reporting Safe Work Procedures Risk Assessments (JHA) Legal Register Isolation of Bunded Wash Bays Controlled waste removed by Licenced Contractors Managers/Supervisors in control of operational sites trained in Dangerous Goods Assessment of Waste Contractors Environment Protection Licence - Waste Collection (NT)	Waste Management and Pollution Control Act 2016 (NT) Waste Management and Pollution Control Regulations 2014 (NT) Environment Protection Act 1970 (VIC) Environment Protection (Industrial Waste Resource) Regulations 2009 (VIC) Sustainability Victoria Act 2005 (VIC) Industrial Waste Management Policy (VIC) Waste Avoidance and Resource Recovery Act 2007 (WA) Waste Avoidance and Resource Recovery Levy Regulations 2008 (WA) Environment Protection Act 1986 (WA) Environment Protection (Controlled Waste) Regulations 2004 (WA) Landfill Waste Classification and Waste Definitions 1996 (WA)	OEG Supply Base	Operations Manager	6	10	16	OEGAU-MAN-001 HSE Manual OEGAU-E-PROC-002 Waste Management Procedure OEGAU-Q-PROC-008 Control of Service Provision Procedure OEGAU-Q-PROC-002 Internal Audit Procedure OEGAU-Q-MAN-014 Management Review Procedure OEGAU-S-PROC-006 Accident, Incident and Hazard Reporting Procedure	OEGAU-S-FO-005 Site Inspection Checklist OEGAU-S-FO-046 Waste Register OEGAU-Q-FO-071 Training Matrix OEGAU-Q-FO-072 Audit and Inspection Schedule OEGAU-Q-FO-083 Approval External Providers Register OEGAU-Q-FO-003 Incident Report Form OEGAU-S-FO-022 Accident & Incident Register	K:\Australia\1_OEG_IMS	Reported at QHSE Monthly Meeting Reviewed at annual Management Meeting Review
2	Waste	Waste oil/hydrocarbon generated from equipment servicing & operations					X	Inappropriate disposal of solid or liquid waste resulting in contamination	AS1216 Class Labels for Dangerous Goods AS1940 Storage and Handling of Flammable and Combustible Liquids National Standard Storage and Handling of Workplace Dangerous Goods (NOHSC 1015) Australian Dangerous Goods Transport Code Edition 7 National Code of Practice for the Preparation of Material Safety Data Sheets National Code of Practice for teh Control of Workplace Hazardous Substances National Code of Practice for the Labelling of Workplace Substances National Code of Practice for the Storage and Handling of Dangerous Goods	Site Environment Plans Internal Environment Audits Site Inspections Waste Segregation - Disposal of in appropriate bins Waste Storage - Skips Bins/Bunded IBC Waste reporting Assessment of Waste Contractors Employee Induction Incident Reporting Safe Work Procedures Risk Assessments (JHA) Legal Register Isolation of Bunded Wash Bays Controlled waste removed by Licenced Contractors Managers/Supervisors in control of operational sites trained in Dangerous Goods Assessment of Waste Contractors Environment Protection Licence - Waste Collection (NT)	Waste Management and Pollution Control Act 2016 (NT) Waste Management and Pollution Control Regulations 2014 (NT) Environment Protection Act 1970 (VIC) Environment Protection (Industrial Waste Resource) Regulations 2009 (VIC) Sustainability Victoria Act 2005 (VIC) Industrial Waste Management Policy (VIC) Waste Avoidance and Resource Recovery Act 2007 (WA) Waste Avoidance and Resource Recovery Levy Regulations 2008 (WA) Environment Protection Act 1986 (WA) Environment Protection Regulations 1987 (WA)	OEG Supply Base	Operations Manager	8	11	19	OEGAU-MAN-001 HSE Manual OEGAU-E-PROC-002 Waste Management Procedure OEGAU-Q-PROC-008 Control of Service Provision Procedure OEGAU-Q-PROC-002 Internal Audit Procedure OEGAU-Q-MAN-014 Management Review Procedure	OEGAU-S-FO-005 Site Inspection Checklist OEGAU-S-FO-046 Waste Register OEGAU-Q-FO-072 Audit and Inspection Schedule	K:\Australia\1_OEG_IMS	Reported at QHSE Monthly Meeting Reviewed at annual Management Meeting Review
3	Waste	Liquid Waste generated that containing hazardous substances from Tank Cleaning operations				X	X	Contamination of soil, surface water and ground water	Guideline - Notification of waste discharges Water Services Guidelines Onsite Wastewater Management - Code of Practice (VIC)	Licensed Waste Contractors assessed VIC - Washbay segregated collection into underground Bund collected by Trans Pacific Waste WA - All waste water collected into IBC's collected by CleanAway NT - All waste water collected into IBC's collected byToxFree NT - Waste water from Tank Wash bay collected into below ground bund that is pumped automatically into IBC's collected by ToxFree Non-Return Valves fitted to IBC's Spill Kits IBC's of Liquid Waste stored in Bunded Locations Spill Response Training Employee Induction	Water Act 2007 (Commonwealth) Water Services Act 2012 (WA) Water Services Regualtions 2013 (WA) Metropolitan Water Supply, Sewerage and Drainage Act 1909 (WA) Metropolitan Water Supply, Sewerage and Drainage Regulations 1981 (WA) Country Areas Water Supply Act 1947 (WA) Country Areas Water Supply Regulations 1981 (WA) Water Act 2016 (NT) Water Regulations (NT) Environment Protection Authority Act 2017 (NT) Waste Management and Pollution Control Act 2016 (NT) Waste Management and Pollution Control Regulations 2014 (NT)	OEG Supply Base	Operations Manager	8	11	19	OEGAU-MAN-001 HSE Manual OEGAU-E-PROC-001 Spill Management Procedure OEGAU-E-PROC-002 Waste Management Procedure OEGAU-Q-PROC-008 Control of Service Provision Procedure OEGAU-Q-PROC-002 Internal Audit Procedure OEGAU-Q-MAN-014 Management Review Procedure	OEGAU-S-FO-005 Site Inspection Checklist OEGAU-S-FO-046 Waste Register OEGAU-Q-FO-072 Audit and Inspection Schedule	K:\Australia\1_OEG_IMS	Reported at QHSE Monthly Meeting Reviewed at annual Management Meeting Review
4	Waste	Tank Washing - Turbid water release				X	X	Uncontrolled flow of turbid water to surrounding areas / waterways	Guideline - Notification of waste discharges Water Services Guidelines Onsite Wastewater Management - Code of Practice (VIC)	Licensed Waste Contractors assessed VIC - Washbay segregated collection into underground Bund collected by Trans Pacific Waste WA - All waste water collected into IBC's collected by CleanAway NT - All waste water collected into IBC's collected byToxFree NT - Waste water from Tank Wash bay collected into below ground bund that is pumped automatically into IBC's collected by ToxFree Non-Return Valves fitted to IBC's Spill Kits IBC's of Liquid Waste stored in Bunded Locations Spill Response Training Employee Induction	Water Act 2007 (Commonwealth) Water Services Act 2012 (WA) Water Services Regualtions 2013 (WA) Metropolitan Water Supply, Sewerage and Drainage Act 1909 (WA) Metropolitan Water Supply, Sewerage and Drainage Regulations 1981 (WA) Country Areas Water Supply Act 1947 (WA) Country Areas Water Supply Regulations 1981 (WA) Water Act 2016 (NT) Water Regulations (NT) Environment Protection Authority Act 2017 (NT) Waste Management and Pollution Control Act 2016 (NT) Waste Management and Pollution Control Regulations 2014 (NT)	OEG Supply Base	Operations Manager	8	11	19	OEGAU-MAN-001 HSE Manual OEGAU-E-PROC-001 Spill Management Procedure OEGAU-E-PROC-002 Waste Management Procedure OEGAU-Q-PROC-008 Control of Service Provision Procedure OEGAU-Q-PROC-002 Internal Audit Procedure OEGAU-Q-MAN-014 Management Review Procedure	OEGAU-S-FO-005 Site Inspection Checklist OEGAU-S-FO-046 Waste Register OEGAU-Q-FO-072 Audit and Inspection Schedule	K:\Australia\1_OEG_IMS	Reported at QHSE Monthly Meeting Reviewed at annual Management Meeting Review
5	Air	Storage and handling of hazardous chemicals/materials	X					Fire/Explosion	AS1216 Class Labels for Dangerous Goods AS1940 Storage and Handling of Flammable and Combustible Liquids National Standard Storage and Handling of Workplace Dangerous Goods (NOHSC 1015) Australian Dangerous Goods Transport Code Edition 7 National Code of Practice for the Preparation of Material Safety Data Sheets National Code of Practice for teh Control of Workplace Hazardous Substances National Code of Practice for the Labelling of Workplace Substances National Code of Practice for the Storage and Handling of Dangerous Goods	Site Inspections First Aid Kits Fire Extinguishers Fire Hoses Hazardous chemical risk assessments MSDS for all chemicals in MSDS Register Hazardous Substance Risk Assessments PPE - Chemical gloves/breathing masks Emergency Response Plan Fire Training Dangerous Goods Training Employee Induction	Dangerous Goods Act 2012 (NT) Dangerous Goods Regs 2017 (NT) Dangerous Goods Act 1985 (VIC) Dangerous Goods Regs 2005 (VIC) Dangerous Goods (Handling & Storage) Regs 2011 (VIC) Dangerous Goods Safety Act 2004 (WA) Dangerous Goods Regulations 2007 (WA)	OEG Supply Base	Operations Manager	8	11	19	OEGAU-E-MAN-001 HSE Manual OEGAU-Q-PROC-013 Non-Conformance, Corrective and Preventative Action Procedure OEGAU-S-PROC-014 Chemical Management Procedure OEGAU-S-PROC-022 Emergency Preparedness and Response Procedure OEGAU-S-PROC-013 Personal Protective Equipment Procedure OEGAU-Q-PROC-002 Control of Personnel Procedure	OEGAU-S-FO-005 Site Inspection Checklist OEGAU-S-FO-031 Hazardous Substance Risk Assessment OEGAU-S-FO-040 Emergency Evacuation Drill Record OEGAU-Q-FO-072 Audit and Inspection Schedule OEGAU-S-FO-023 MSDS Register (MASTER) OEGAU-S-FO-071 Training Matrix OEGAU-S-FO-035 Personal Protective Equipment Awareness Training Presentation OEGAU-S-FO-034 Chemical Handling and Hazardous Substance Awareness Training Presentation OEGAU-MAN-004 OEG Company Induction OEGAU-MAN-005 Supply Base Induction	K:\Australia\1_OEG_IMS	Reported at QHSE Monthly Meeting Reviewed at annual Management Meeting Review
6	Air	Vehicle and machinery operation	X					Air emmission as a result of fuel combustion from vehicles, plant & equipment	National Standards for Criteria Air Pollutants in Australia Air Quality and Air Pollution Modelling Guidance Notes 2006	Vehicles and equipment regularly services Follow manufacturers instructions for operation of equipment Site Inspections Quarterly Test & Tag of Electrical Equipment Hazard Reporting	National Environmental Protection Measure for Ambient Air Quality 1998 Occupational Health & Safety Act 1984 (WA) Occupational Health & Safety Regs 1996 (WA)	OEG Supply Base	Operations Manager	5	5	10	OEGAU-S-PROC-016 Plant and Equipment Procedure OEGAU-S-PROC-004 Energy Isolation, Lockout and Tagout Procedure OEGAU-S-PROC-016 Plant and Equipment Procedure OEGAU-S-PROC-020 Safe Use of Hand and Power Tools Procedure OEGAU-S-PROC-001 Risk Identification and Hazard Control Procedure	OEGAU-S-FO-005 Site Inspection Checklist OEGAU-Q-FO-072 Audit and Inspection Schedule OEGAU-Q-FO-014 Equipment Inventory OEGAU-S-FO-028 Plant & Equipment Risk Assessment OEGAU-S-FO-Hazard Report Form	K:\Australia\1_OEG_IMS	Reported at QHSE Monthly Meeting Reviewed at annual Management Meeting Review
7	Air	Air emmissions generated during painting activity	X					Air emmission as a result of painting activities	National Standards for Criteria Air Pollutants in Australia Air Quality and Air Pollution Modelling Guidance Notes 2007	Where possible use of Water Based paints will be used when painting CCU's SDS for all Paint Used Risk Assessment (JHA)	National Environmental Protection Measure for Ambient Air Quality 1999	OEG Supply Base	Operations Manager	5	5	10	OEGAU-S-PROC-001 Risk Identification and Hazard Control Procedure	OEGAU-S-FO-002 Job Hazard Analysis (JHA) Form	K:\Australia\1_OEG_IMS	Reported at QHSE Monthly Meeting Reviewed at annual Management Meeting Review

8	Air	Use of Compressors/Pumps						X			Exceed regulatory noise limits	AS1269 Occupational Noise Management National Code of Practice for Noise Management and Protection of Hearing at Work (NOHSC) AS3000:2018 Wiring Rules AS/NZS 3788:2006 Pressure Equipment - Inservice Inspection AS 4343:2014 Pressure Equipment - Hazard Levels Model Code of Practice - Managing Noise and Preventing Hearing Loss at Work	PPE for all employees/visitors JHA/Permit to Work Hearing protection Isolation of Plant/Machinery turned off when not in use Registration of Air Receivers Annual Service/Test of Pressure Vessels/Lifting Equipment/Air Receivers/Air Compressors/Mobile Plant Safe Work Procedures	Occupational Health & Safety Act 1984 (WA) Occupational Health & Safety Regs 1996 (WA) Environment Protection Act 1986 (WA) Environment Protection (Noise) Regulations 1997 (WA) Environment Protection Authority Act 2017 (NT) Environment Protection (National Pollutant Inventory) Objective 2004 (VIC) Noise from Industry in Regional Victoria (VIC)	OEG Supply Base	Operations Manager	5	5	10	OEGAU-S-PROC-016 Plant and Equipment Procedure OEGAU-S-PROC-004 Energy Isolation, Lockout and Tagout Procedure OEGAU-S-PROC-001 Risk Identification and Hazard Control Procedure	OEGAU-S-FO-005 Site Inspection Checklist OEGAU-Q-FO-072 Audit and Inspection Schedule OEGAU-Q-FO-014 Equipment Inventory OEGAU-S-FO-028 Plant & Equipment Risk Assessment OEGAU-S-FO-Hazard Report Form	K:\Australia\1_OEG_IMS	Reported at QHSE Monthly Meeting Reviewed at annual Management Meeting Review
9	Water	Chemical Blending - Oil/Chemical Spill					X	X	Contamination of surface water and ground water	AS1940 Storage and Handling of Flammable and Combustible Liquids	Site Inspections Workshop laydown areas Hazardous Substance Risk Assessments MSDS Register Spill Kits Spill Response Training Employee Induction Safe Work Procedures Dangerous Goods Training for Managers/Supervisors Water soluble Hazardous Chemicals stored in banded locations Hydrocarbons stored in banded areas attached to separators Incident Reporting Hazard Reporting Emergency Response Procedure Water Monitoring	Section 516A of Environment Protection & Biodiversity Conservation Act 1999 (Commonwealth) Waste Management and Pollution Control Act 2016 (NT) Waste Management and Pollution Control Regulations 2014 (NT) Environment Protection Act 1970 (VIC) Environment Protection (Industrial Waste Resource) Regulations 2009 (VIC) Sustainability Victoria Act 2005 (VIC) Industrial Waste Management Policy (VIC) Waste Avoidance and Resource Recovery Act 2007 (WA) Waste Avoidance and Resource Recovery Levy Regulations 2008 (WA) Environment Protection Act 1986 (WA) Environment Protection (Controlled Waste) Regulations 2004 (WA) Landfill Waste Classification and Waste Definitions 1996 (WA)	Darwin Supply Base	Operations Manager	8	11	18	OEGAU-MAN-001 HSE Manual OEGAU-E-PROC-001 Spill Management Procedure OEGAU-E-PROC-002 Waste Management Procedure OEGAU-S-PROC-014 Chemical Management Procedure OEGAU-S-PROC-001 Risk Identification and Hazard Control Procedure OEGAU-S-PROC-006 Accident, Incident and Hazard Reporting Procedure OEGAU-S-FO-022 Emergency Preparedness and Response Procedure	OEGAU-S-FO-005 Site Inspection Checklist OEGAU-Q-FO-072 Audit and Inspection Schedule OEGAU-S-FO-023 MSDS Register (MASTER) OEGAU-S-FO-071 Training Matrix OEGAU-S-FO-002_JHA - Decanting and Cleaning Jet A1 Tanks - Chemical Blending - Tank Washing - Pressure Steam / Cleaning of Offshore Equipment OEGAU-S-FO-Hazard Report Form	K:\Australia\1_OEG_IMS	Reported at QHSE Monthly Meeting Reviewed at annual Management Meeting Review		
10	Land	Chemical Blending - Oil/Chemical Spill					X	X	Contamination of soil	Soil sampling Guidelines (Vic) (IWRG702) Associated guidelines, including the revised Contaminated Sites Management Series - Assessment levels for Soil, Sediment and Water (WA) Industrial Waste Resource Guidelines Soil Hazard Categorisation And Management (Vic) (IWRG621)	Site Inspections Workshop laydown areas Hazardous Substance Risk Assessments MSDS Register Spill Kits Spill Response Training Employee Induction Safe Work Procedures Dangerous Goods Training for Managers/Supervisors Water soluble Hazardous Chemicals stored in banded locations Hydrocarbons stored in banded areas attached to separators Incident Reporting Hazard Reporting Emergency Response Procedure	Section 516A of Environment Protection & Biodiversity Conservation Act 1999 (Commonwealth) Waste Management and Pollution Control Act 2016 (NT) Waste Management and Pollution Control Regulations 2014 (NT) Environment Protection Act 1970 (VIC) Environment Protection (Industrial Waste Resource) Regulations 2009 (VIC) Sustainability Victoria Act 2005 (VIC) Industrial Waste Management Policy (VIC) Waste Avoidance and Resource Recovery Act 2007 (WA) Waste Avoidance and Resource Recovery Levy Regulations 2008 (WA) Environment Protection Act 1986 (WA) Environment Protection (Controlled Waste) Regulations 2004 (WA) Landfill Waste Classification and Waste Definitions 1996 (WA)	Darwin Supply Base	Operations Manager	8	11	18	OEGAU-MAN-001 HSE Manual OEGAU-E-PROC-001 Spill Management Procedure OEGAU-E-PROC-002 Waste Management Procedure OEGAU-S-PROC-014 Chemical Management Procedure OEGAU-S-PROC-001 Risk Identification and Hazard Control Procedure OEGAU-S-PROC-006 Accident, Incident and Hazard Reporting Procedure OEGAU-S-FO-022 Emergency Preparedness and Response Procedure	OEGAU-S-FO-005 Site Inspection Checklist OEGAU-Q-FO-072 Audit and Inspection Schedule OEGAU-S-FO-023 MSDS Register (MASTER) OEGAU-S-FO-071 Training Matrix OEGAU-S-FO-002_JHA - Decanting and Cleaning Jet A1 Tanks - Chemical Blending - Tank Washing - Pressure Steam / Cleaning of Offshore Equipment OEGAU-S-FO-Hazard Report Form	K:\Australia\1_OEG_IMS	Reported at QHSE Monthly Meeting Reviewed at annual Management Meeting Review		
11	Climate	Electricity					X	X	Excessive use of electricity - office lighting/air-conditioning/computers/other office equipment	Energy Efficiency of Building Services Installation Code of Practice	Sensor lighting to buildings Energy Saving bulbs used Site Inspections	Environment Protection and Biodiversity Conservation Act 1999	OEG Supply Base	Operations Manager	5	5	10	OEGAU-MAN-001 HSE Manual	OEGAU-S-FO-005 Site Inspection Checklist	K:\Australia\1_OEG_IMS	Reported at QHSE Monthly Meeting Reviewed at annual Management Meeting Review		

NORMAL	A NUMBER GREATER THAN 10 IS CONSIDERED SIGNIFICANT
ABNORMAL	A NUMBER GREATER THAN 15 IS CONSIDERED SIGNIFICANT
EMERGENCY	A NUMBER GREATER THAN 20 IS CONSIDERED SIGNIFICANT

<u>LIKELIHOOD</u>	LEGISLATION & OTHER REQUIREMENTS	POLLUTION	RESOURCE USE	PUBLIC IMAGE	BUSINESS INTERRUPTION
1 – VERY LOW	<10% LIKELIHOOD OF BREACH OF LEGISLATION OR OTHER REQUIREMENTS	NOT CREDIBLE - NO KNOWLEDGE OF PREVIOUS OCCURRENCE IN PROCESS.	NO OR INFREQUENT USE OF PROCESS	<10% IMPACT ON PUBLIC IMAGE	NO EFFECT ON BUSINESS. NOT CONCEIVABLE
2 - MEDIUM	>10% <50% LIKELIHOOD OF BREACH OF LEGISLATION OR OTHER REQUIREMENTS	CONCEIVABLE BUT WOULD REQUIRE MULTIPLE FAILURES OF SYSTEMS AND CONTROLS	AVERAGE USE FOR PROCESS	>10% <50% IMPACT ON PUBLIC IMAGE	POSSIBLE LOW LOSS OF BUSINESS OR PRODUCTION CAN BE QUICKLY RECOVERED
3 - HIGH	50% <90% LIKELIHOOD OF BREACH OF LEGISLATION OR OTHER REQUIREMENTS	REQUIRES FAILURE OF ONE SYSTEM OR CONTROL FOR MAJOR POLLUTION	FREQUENT USE OF PROCESS	>50% <90% IMPACT ON PUBLIC IMAGE	HIGHLY PROBABLE LOSS OF BUSINESS
4 – VERY HIGH	>90% LIKELIHOOD OF BREACH OF LEGISLATION OR OTHER REQUIREMENTS	CERTAIN ENVIRONMENTAL POLLUTION – NO CONTROL	CONSTANT USE OF PROCESS	>90% IMPACT ON PUBLIC IMAGE	CERTAIN LOSS OF BUSINESS CONTINUITY

<u>SEVERITY</u>	LEGISLATION & OTHER REQUIREMENTS	POLLUTION	RESOURCE USE	PUBLIC IMAGE	BUSINESS INTERRUPTION
1 – VERY LOW	NO STATUTORY LEGAL OR OTHER REQUIREMENTS	NO POLLUTION OCCURRING RECYCLING	VERY LOW OR NO USE OF NON RENEWABLE RESOURCES	NO PUBLIC IMAGE CONCERNS	NO LOSS OF BUSINESS
2 - MEDIUM	NON -CONFORMANCE OF INTERNAL CONTROL AND POSSIBLE CUSTOMER IMPLICATIONS	MINOR LOCALIZED POLLUTION TO ACSC MINOR LONG TERM WASTE ISSUE	MEDIUM USE OF NON-RENEWABLE RESOURCES	INTERNAL OR SHORT TERM IMAGE CONCERN (NEIGHBOURS)	SHORT TERM LOSS OF BUSINESS
3- HIGH	BREACH OF LEGISLATION RESULTING IN REGULATORY BODY ACTIONS	MAJOR LOCALIZED POLLUTION TO ACSC AND MINOR POLLUTION TO EXTERNAL ENVIRONMENT I.E CLEAN UP LARGE LONG TERM WASTE ISSUE	HIGH USE OF NON-RENEWABLE RESOURCES	MEDIUM TERM IMAGE CONCERNS (LOCAL MEDIA)	MEDIUM TERM LOSS OF BUSINESS
4 – VERY HIGH	BREACH OF LEGISLATION PROSECUTION, LARGE FINES	LONG TERM POLLUTION OF EXTERNAL ENVIRONMENT	VERY HIGH USE OF NON-RENEWABLE RESOURCES	LONG TERM PUBLIC IMAGE (NATIONAL MEDIA)	LONG TERM LOSS OF BUSINESS AND CUSTOMERS