

Revision Date: 11/21/05
Revision Date: 02/26/2008

NCCOS Significant Environmental Aspects
Air Emissions
Cultural Resources
Hazardous Materials
Hazardous Waste
Land
Medical Waste
Natural Resources
Noise
Special Waste
Toxic Substances
Waste Water
Water Quality
Solid Waste

Revision Date: 11/21/05

NCCOS Significant Environmental Aspects

Activity, Product and/or Service	Hazardous Materials	Solid Waste	Special Waste	Natural Resources	Air Emissions	Hazardous Waste	Water Quality	Waste Water	Toxic Substances	Land	Medical Waste	Cultural Resources	Noise	Activity Totals
Purchases for Grounds Keeping	1			1										2
HVAC Operations	1			1										2
Fuel Storage (Release)							1			1				2
Disposal of Operation Support Systems		1				1								2
Disposal Maintenance Shop		1				1								2
Acquisition of Real Property										1		1		2
Use of Operation Support Systems				1										1
Receiving	1													1
Purchase of Operation Support Systems									1					1
Purchase of Maintenance Materials				1										1
Purchase Maintenance Shop	1													1
Parking Lot							1							1
Building use and operations				1										1
Aspect Totals	26	23	22	22	22	21	20	17	16	15	10	9	8	

Revision Date:
02/27/2008

NCCOS Activities with Significant Aspects	NCCOS Work Instructions	Oxford	Beaufort	Charleston	Silver Spring	Kasitsna Bay	HML
Vessel Underway	EMS Document 1000.1	-Vessel Operations Manual -Vessel NAO - Comprehensive Laboratory Safety and Environmental Plans	Vessel Operations Manual, - Vessel NAO -	N/A	N/A	Vessel Operations Manual, -Vessel NAO -	N/A
Acquisition of Real Property	EMS Document 1000.1	N/A	N/A	N/A	N/A	N/A	N/A
Boiler Operations	EMS Document 1000.1				N/A		
Budget Formulation	EMS Document 1000.1						
Building use and operations	EMS Document 1000.1				N/A		
Chemical and fluid spills Equipment Break (equipment in building)	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans	Chemical Hygiene, HAZCOM	- State SPCC Plan	N/A	- SPCC	- State SPCC Plan
Commissioning Buildings	EMS Document 1000.1	N/A	N/A	N/A	N/A	N/A	N/A
Construction Planning	EMS Document 1000.1				N/A		
Decommissioning	EMS Document 1000.1	N/A	N/A	N/A	N/A	N/A	N/A
Disposal for Grounds Keeping	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans	N/A	N/A	N/A	N/A	N/A
Disposal for Janitorial Activities	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans			N/A		
Disposal Maintenance Shop	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans	HAZCOM		N/A		
Disposal of Biohazards	EMS Document 1000.1	Biosafety Protocols & Comprehensive Laboratory Safety and Environmental Plans	Biosafety Protocols	CHP	N/A	N/A	Biosafety Protocols
Disposal of Chemicals	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans	CHP/HAZCOM	CHP	HazCom	CHP	CHP

Revision Date:
02/27/2008

NCCOS Activities with Significant Aspects	NCCOS Work Instructions	Oxford	Beaufort	Charleston	Silver Spring	Kasitsna Bay	HML
Disposal of Maintenance Materials	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans	HAZCOM		N/A		
Disposal of Operation Support Systems	EMS Document 1000.1						
Disposal of Personal Property	EMS Document 1000.1						
Disposal of Radioactive Sources	EMS Document 1000.1	N/A	Radiation Safety Plan	Radiation Safety Plan	N/A	N/A	Radiation Safety Plan
Disposition of Real Property	EMS Document 1000.1	N/A	N/A	N/A	N/A	N/A	N/A
Field Research Activities	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans	CHP	CHP	HazCom	CHP, HAZCOM	CHP
Fuel Storage (Release)	EMS Document 1000.1				N/A	SPCC	SPCC
Fueling, Oil, & Lubricants	EMS Document 1000.1				N/A		
HVAC Operations	EMS Document 1000.1				N/A		
Lab Studies	EMS Document 1000.1	-Comprehensive Laboratory Safety and Environmental Plans -Histology Manual	CHP	CHP	N/A	CHP	CHP
Maintenance (Vehicle)	EMS Document 1000.1	N/A	N/A	N/A	N/A	?	N/A
Onsite Construction	EMS Document 1000.1	N/A			N/A		
Parking Lot	EMS Document 1000.1				N/A		
Pier Repair	EMS Document 1000.1				N/A		

Revision Date:
02/27/2008

NCCOS Activities with Significant Aspects	NCCOS Work Instructions	Oxford	Beaufort	Charleston	Silver Spring	Kasitsna Bay	HML
Purchasing	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans					
Purchase of Biohazards	EMS Document 1000.1	Biosafety Protocols		CHP	N/A	?	Biosafety Protocols
Purchase of Chemicals	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans	CHP	CHP	HazCom	CHP	CHP
Purchase of Maintenance Materials	EMS Document 1000.1				N/A		
Purchase of Operation Support Systems	EMS Document 1000.1						
Purchase of Radioactive Sources	EMS Document 1000.1	N/A	Radiation Safety Plan	Radiation Safety Plan	N/A	N/A	Radiation Safety Plan
Purchases for Grounds Keeping	EMS Document 1000.1				N/A		
Receiving	EMS Document 1000.1				N/A		
Research Planning/Preparation	EMS Document 1000.1						
Shipping	EMS Document 1000.1						
Spill Management	EMS Document 1000.1	- Safety & Env. Manual	SPCC; CHP; HAZCOM	CHP; State SPCC Plan	HazCom	CHP; State SPCC Plan; HAZCOM	CHP; State SPCC Plan
Storage	EMS Document 1000.1		CHP; HAZCOM		N/A		
Third Parties (research)	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans					
Transportation	EMS Document 1000.1						

Revision Date:
02/27/2008

NCCOS Activities with Significant Aspects	NCCOS Work Instructions	Oxford	Beaufort	Charleston	Silver Spring	Kasitsna Bay	HML
Use for Grounds Keeping	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans			N/A		
Use of Biohazards	EMS Document 1000.1	Biohazard Protocol		CHP	N/A		Biohazard Protocol
Use of Chemicals	EMS Document 1000.1	Comprehensive Laboratory Safety and Environmental Plans	CHP; HAZCOM	CHP	HazCom	CHP	CHP
Use of Fuel	EMS Document 1000.1				N/A		
Use of Maintenance Materials	EMS Document 1000.1		HAZCOM		N/A	HAZCOM	
Use of Operation Support Systems	EMS Document 1000.1						
Use of Radioactive Sources	EMS Document 1000.1	N/A	Radiation Safety Plan	Radiation Safety Plan	N/A	N/A	Radiation Safety Plan
Use of Vehicles	EMS Document 1000.1				N/A		

ENVIRONMENTAL ASPECT/IMPACT WORKSHEET

Revision Date: 11/21/05

Function	Activity, Product and/or Service	Environmental Aspects	Environment Impacts	Condition			Normal (N) Emergency (E)			Maintenance (M)			Significance			Impact Score	Significant = Regulated H = Score of 7 or above
				N	E	M	Reg. Req	Risk	Steward-ship	P2	H	M	I				
							Low	Medium	High				Total				
Vessel & Vehicle O&M	Use of Vehicles	Solid Waste	Greater use than necessary of land fill/incineration	x	x	x	9.3 9.4	H	H	M	M	2	2	0	10	Yes	
Vessel & Vehicle O&M	Use of Vehicles	Special Waste	Greater use than necessary of land fill/incineration	x	x	x	7.1	H	L	L	M	1	1	2	7	Yes	
Vessel & Vehicle O&M	Use of Vehicles	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	x	x	x	7.1	H	L	L	M	1	1	2	7	Yes	
Vessel & Vehicle O&M	Use of Vehicles	Air Emissions	Degradation of Air quality		x	X	1.3 1.10	H	L	L	L	1	0	3	6	Yes	
Vessel & Vehicle O&M	Maintenance (Vessel)	Water Quality	Degradation to marine ecosystems flora and fauna	X			4.3	H	H	M	H	3	1	0	11	Yes	
Vessel & Vehicle O&M	Maintenance (Vessel)	Solid Waste	Greater use than necessary of land fill/incineration	X	x	x	9.3 9.4	H	H	M	M	2	2	0	10	Yes	
Vessel & Vehicle O&M	Maintenance (Vessel)	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	X	x	x	7.1	H	L	L	H	2	0	2	8	Yes	
Vessel & Vehicle O&M	Maintenance (Vessel)	Special Waste	Greater use than necessary of land fill/incineration	X	x	x	7.1	H	L	L	M	1	1	2	7	Yes	
Vessel & Vehicle O&M	Maintenance (Vessel)	Air Emissions	Degradation of Air quality		x	X	1.3 1.10	H	L	L	L	1	0	3	6	Yes	
Vessel & Vehicle O&M	Maintenance (Vehicle)	Solid Waste	Greater use than necessary of land fill/incineration	x	x	x	9.3 9.4	H	H	M	M	2	2	0	10	Yes	
Vessel & Vehicle O&M	Maintenance (Vehicle)	Special Waste	Greater use than necessary of land fill/incineration	x	x	x	7.1	H	L	L	M	1	1	2	7	Yes	
Vessel & Vehicle O&M	Maintenance (Vehicle)	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	x	x	x	7.1	H	L	L	M	1	1	2	7	Yes	
Vessel & Vehicle O&M	Maintenance (Vehicle)	Air Emissions	Degradation of Air quality		x	X	1.3 1.10	H	L	L	L	1	0	3	6	Yes	
Vessel & Vehicle O&M	Fueling, Oil, & Lubricants	Water Quality	Degradation to marine ecosystems flora and fauna	X	X		Req.	H	H	M	M	2	2	0	10	Yes	
Vessel & Vehicle O&M	Fueling, Oil, & Lubricants	Land	Destruction of shoreline and costal habitat	X	X		Req.	H	M	M	L	1	2	1	8	Yes	
Vessel & Vehicle O&M	Fueling, Oil, & Lubricants	Air Emissions	Degradation of Air quality	X	X		Req.	H	L	L	L	1	0	3	6	Yes	
Vessel & Vehicle O&M	Decommissioning	All	General ecosystem impacts	X			Req.	H	H	M	M	2	2	0	10	Yes	
Vessel & Vehicle O&M	Budget Formulation	All	General ecosystem impacts	X	X	X		L	H	H	H	3	0	1	10	Yes	
Vessel & Vehicle O&M	Vessel Underway	Land	Destruction of shoreline and costal habitat		X	X	10.7	H	H	H	H	4	0	0	12	Yes	
Vessel & Vehicle O&M	Vessel Underway	Water Quality	Degradation to marine ecosystems flora and fauna	x	x		7.5	H	H	M	M	2	2	0	10	Yes	
Vessel & Vehicle O&M	Vessel Underway	Waste Water	Degradation to marine ecosystems flora and fauna		X		Req.	H	H	M	M	2	2	0	10	Yes	
Vessel & Vehicle O&M	Vessel Underway	Solid waste	Greater use than necessary of land fill/incineration	x	x	x	10.7	H	M	L	H	2	1	1	9	Yes	
Vessel & Vehicle O&M	Vessel Underway	Air Emissions	Degradation of Air quality	X	X		Req.	H	H	M	L	2	1	1	9	Yes	
Vessel & Vehicle O&M	Vessel Underway	Natural Resources	Reduction in important non-renewable natural resources	X				L	M	M	M	0	3	1	7	Yes	
Science Research	Use of Radioactive Sources	Toxic Substances	Impacts to water and terrestrial ecosystems resulting from releases to land or water	X			R	H	H	H	M	3	1	0	11	Yes	
Science Research	Use of Radioactive Sources	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X			R	H	H	H	M	3	1	0	11	Yes	
Science Research	Use of Radioactive Sources	Natural Resources	Reduction in important non-renewable natural resources	X			E.O.	H	L	L	M	1	1	2	7	Yes	
Science Research	Use of Radioactive Sources	Waste Water	Impacts to water treatment facilities	X			R	H	L	L	L	1	0	3	6	Yes	
Science Research	Use of Radioactive Sources	Air Emissions	Degradation of Air quality	X			R	H	L	L	L	1	0	3	6	Yes	
Science Research	Use of Chemicals	Toxic Substances	Impacts to water and terrestrial ecosystems resulting from releases to land or water	X			R	H	H	H	M	3	1	0	11	Yes	
Science Research	Use of Chemicals	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X			R	H	H	H	M	3	1	0	11	Yes	
Science Research	Use of Chemicals	Natural Resources	Reduction in important non-renewable natural resources	X			E.O.	H	L	L	M	1	1	2	7	Yes	
Science Research	Use of Chemicals	Waste Water	Impacts to water treatment facilities	X			R	H	L	L	L	1	0	3	6	Yes	
Science Research	Use of Chemicals	Air Emissions	Degradation of Air quality	X			R	H	L	L	L	1	0	3	6	Yes	
Science Research	Use of Biohazards	Toxic Substances	Impacts to water and terrestrial ecosystems resulting from releases to land or water	X			R	H	H	H	M	3	1	0	11	Yes	
Science Research	Use of Biohazards	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X			R	H	H	H	M	3	1	0	11	Yes	
Science Research	Use of Biohazards	Natural Resources	Reduction in important non-renewable natural resources	X			E.O.	H	L	L	M	1	1	2	7	Yes	
Science Research	Use of Biohazards	Waste Water	Impacts to water treatment facilities	X			R	H	L	L	L	1	0	3	6	Yes	
Science Research	Use of Biohazards	Air Emissions	Degradation of Air quality	X			R	H	L	L	L	1	0	3	6	Yes	
Science Research	Transportation	Special Waste	Greater use than necessary of land fill/incineration	X			R	H	H	M	L	2	1	1	9	Yes	
Science Research	Transportation	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	X			R	H	H	M	L	2	1	1	9	Yes	

ENVIRONMENTAL ASPECT/IMPACT WORKSHEET

Function	Activity, Product and/or Service	Environmental Aspects	Environment Impacts	Condition			Normal (N) Emergency (E) Maintenance (M)			Significance			Impact Score			Significant = Regulated H = Score of 7 or above
				N	E	M	Reg. Req	Risk	Steward-ship	P2	H	M	I	Total		
							Low	Medium	High							
Vessel & Vehicle O&M	Use of Vehicles	Solid Waste	Greater use than necessary of land fill/incineration	x	x	x	9.3 9.4	H	H	M	M	2	2	0	10	Yes
Science Research	Transportation	Water Quality	Degradation of ground water and potential leaching to marine and fresh water ecosystems	X			R	H	L	L	L	1	0	3	6	Yes
Science Research	Transportation	Natural Resources	Reduction in important non-renewable natural resources	X			R	H	L	L	L	1	0	3	6	Yes
Science Research	Transportation	Land	Impacts to air quality through particulates and NOx and SOx	X			R	H	L	L	L	1	0	3	6	Yes
Science Research	Transportation	Air Emissions	Degradation of Air quality	X			R	H	L	L	L	1	0	3	6	Yes
Science Research	Third Parties (research)	All	General ecosystem impacts	X				L	H	H	M	2	1	1	9	Yes
Science Research	Storage	Hazardous Waste	Impacts to water and terrestrial ecosystems resulting from releases to land or water	X			R	H	H	M	M	2	2	0	10	Yes
Science Research	Storage	Special Waste	Greater use than necessary of land fill/incineration	X			R	H	M	M	M	1	3	0	9	Yes
Science Research	Storage	Medical Waste	Greater use than necessary of land fill/incineration	X			R	H	H	M	L	2	1	1	9	Yes
Science Research	Storage	Toxic Substances	Impacts to water and terrestrial ecosystems resulting from releases to land or water	X			R	H	H	M		2	1	0	8	Yes
Science Research	Storage	Solid Waste	Greater use than necessary of land fill/incineration	X			R	H	M	M	L	1	2	1	8	Yes
Science Research	Storage	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X				L	H	M	L	1	1	2	7	Yes
Science Research	Spill Management	Water Quality	Degradation of ground water and potential leaching to marine and fresh water ecosystems		X		R	H	H	M	L	2	1	1	9	Yes
Science Research	Spill Management	Land	Impacts to soil and aquifers from spills		X		R	H	H	L	L	2	0	2	8	Yes
Science Research	Spill Management	Air Emissions	Degradation of Air quality		X		R	H	H	L	L	2	0	2	8	Yes
Science Research	Research Planning/Preparation	All	General ecosystem impacts	X	X		R		H	M	M	1	2	0	7	Yes
Science Research	Purchase of Radioactive Sources	Toxic Substances	Impacts to water and terrestrial ecosystems resulting from releases to land or water	X			R	H	H	M	H	3	1	0	11	Yes
Science Research	Purchase of Radioactive Sources	Natural Resources	Reduction in important non-renewable natural resources	X			R	H	H	M	H	3	1	0	11	Yes
Science Research	Purchase of Radioactive Sources	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X			R	H	H	M	H	3	1	0	11	Yes
Science Research	Purchase of Chemicals	Toxic Substances	Use of natural resources and increased risk resulting from purchasing unnecessary or greater than necessary volume of chemicals	X			R	H	H	M	H	3	1	0	11	Yes
Science Research	Purchase of Chemicals	Natural Resources	Reduction in important non-renewable natural resources	X			R	H	H	M	H	3	1	0	11	Yes
Science Research	Purchase of Chemicals	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X			R	H	H	M	H	3	1	0	11	Yes
Science Research	Purchase of Biohazards	Toxic Substances	Impacts to water and terrestrial ecosystems resulting from releases to land or water	X			R	H	H	M	H	3	1	0	11	Yes
Science Research	Purchase of Biohazards	Natural Resources	Reduction in important non-renewable natural resources	X			R	H	H	M	H	3	1	0	11	Yes
Science Research	Purchase of Biohazards	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X			R	H	H	M	H	3	1	0	11	Yes
Science Research	Lab Studies	Waste Water	Impacts to water treatment facilities	X			R	H	L	L	L	1	0	3	6	Yes
Science Research	Lab Studies	Medical Waste	Greater use than necessary of land fill/incineration	X			R	H	L	L	L	1	0	3	6	Yes
Science Research	Lab Studies	Air Emissions	Degradation of Air quality	X			R	H	L	L	L	1	0	3	6	Yes
Science Research	Field Research Activities	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X			R	H	H	H	M	3	1	0	11	Yes
Science Research	Field Research Activities	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	X			R	H	H	M	M	2	2	0	10	Yes
Science Research	Field Research Activities	Water Quality	Degradation to marine ecosystems flora and fauna	X			R	H	M	M	L	1	2	1	8	Yes
Science Research	Field Research Activities	Special Waste	Greater use than necessary of land fill/incineration	X			R	H	L	L	M	1	1	2	7	Yes
Science Research	Field Research Activities	Solid Waste	Greater use than necessary of land fill/incineration	X			R	H	L	L	M	1	1	2	7	Yes
Science Research	Field Research Activities	Natural Resources	Reduction in important non-renewable natural resources	X				L	L	H	M	1	1	2	7	Yes
Science Research	Field Research Activities	Medical Waste	Greater use than necessary of land fill/incineration		X		R	H	L	L	L	1	0	3	6	Yes
Science Research	Field Research Activities	Cultural Resources	Loss/destruction of historical/culturally sensitive sites	X			R	H	L	L	L	1	0	3	6	Yes
Science Research	Disposal of Radioactive Sources	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	X			R	H	H	H	H	4	0	0	12	Yes
Science Research	Disposal of Radioactive Sources	Waste Water	Impacts to water treatment facilities	X			R	H	H	M	M	2	2	0	10	Yes
Science Research	Disposal of Radioactive Sources	Special Waste	Greater use than necessary of land fill/incineration	X			R	H	M	M	M	1	3	0	9	Yes

ENVIRONMENTAL ASPECT/IMPACT WORKSHEET

Function	Activity, Product and/or Service	Environmental Aspects	Environment Impacts	Condition			Normal (N) Emergency (E) Maintenance (M)			Significance Low Medium High			Impact Score	Significant = Regulated H = Score of 7 or above		
				N	E	M	Reg. Req	Risk	Steward-ship	P2	H	M			I	
Vessel & Vehicle O&M	Use of Vehicles	Solid Waste	Greater use than necessary of land fill/incineration	x	x	x	9.3 9.4	H	H	M	M	2	2	0	10	Yes
Science Research	Disposal of Radioactive Sources	Solid Waste	Greater use than necessary of land fill/incineration	X			R	H	L	M	M	1	2	1	8	Yes
Science Research	Disposal of Radioactive Sources	Air Emissions	Degradation of Air quality	X			R	H	L	L	L	1	0	3	6	Yes
Science Research	Disposal of Chemicals	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	X			R	H	H	H	H	4	0	0	12	Yes
Science Research	Disposal of Chemicals	Waste Water	Impacts to water treatment facilities	X			R	H	H	M	M	2	2	0	10	Yes
Science Research	Disposal of Chemicals	Special Waste	Greater use than necessary of land fill/incineration	X			R	H	M	M	M	1	3	0	9	Yes
Science Research	Disposal of Chemicals	Solid Waste	Greater use than necessary of land fill/incineration	X			R	H	L	M	M	1	2	1	8	Yes
Science Research	Disposal of Chemicals	Air Emissions	Degradation of Air quality	X			R	H	L	L	L	1	0	3	6	Yes
Science Research	Disposal of Biohazards	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	X			R	H	H	H	H	4	0	0	12	Yes
Science Research	Disposal of Biohazards	Waste Water	Impacts to water treatment facilities	X			R	H	H	M	M	2	2	0	10	Yes
Science Research	Disposal of Biohazards	Special Waste	Greater use than necessary of land fill/incineration	X			R	H	M	M	M	1	3	0	9	Yes
Science Research	Disposal of Biohazards	Solid Waste	Greater use than necessary of land fill/incineration	X			R	H	L	M	M	1	2	1	8	Yes
Science Research	Disposal of Biohazards	Air Emissions	Degradation of Air quality	X			R	H	L	L	L	1	0	3	6	Yes
Real Property	Onsite Construction	All	General ecosystem impacts	X	X	X	Reg	H	H	H	H	4	0	0	12	Yes
Real Property	Disposition of Real Property	All	General ecosystem impacts	X	X		Reg	H	H	H	H	4	0	0	12	Yes
Real Property	Construction Planning	All	General ecosystem impacts	X	X	X	Reg	H	H	H	H	4	0	0	12	Yes
Real Property	Commission Buildings	Natural Resources	Reduction in important non-renewable natural resources	X	X		E.O.	H	H	L	L	2	0	2	8	Yes
Real Property	Budget Formulation (Construction)	All	General ecosystem impacts	X	X	X	Reg	H	H	H	H	4	0	0	12	Yes
Real Property	Acquisition of Real Property	Cultural Resources	Loss/destruction of Historical sites	X	X		Reg	H	H	H	L	3	0	1	10	Yes
Real Property	Acquisition of Real Property	Cultural Resources	Loss/destruction of historical/culturally sensitive sites	X	X		Reg	H	H	H	L	3	0	1	10	Yes
Real Property	Acquisition of Real Property	Land	Unnecessary destruction of habitats though non considerate purchasing of land and property	X	X			L	H	H	L	2	0	2	8	Yes
Facility O & M	Use of Operation Support Systems	Natural Resources	Reduction in important non-renewable natural resources	X			E.O.	H	L	L	L	1	0	3	6	Yes
Facility O & M	Use of Maintenance Materials	Water Quality	Degradation of ground water and potential leaching to marine and fresh water ecosystems	X		X	Req	H	M	L	L	1	1	2	7	Yes
Facility O & M	Use of Maintenance Materials	Land	Impacts to soil and aquifers from spills	X		X	Req	H	M	L	L	1	1	2	7	Yes
Facility O & M	Use of Maintenance Materials	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X		X	Req	H	M	L	L	1	1	2	7	Yes
Facility O & M	Use of Maintenance Materials	Air Emissions	Degradation of Air quality	X		X	Req	H	L	L	L	1	0	3	6	Yes
Facility O & M	Use of Fuel	Water Quality	Degradation of ground water and potential leaching to marine and fresh water ecosystems		X		Reg.	H	H	H	L	3	0	1	10	Yes
Facility O & M	Use of Fuel	Land	Impacts to soil and aquifers from spills		X		Reg	H	H	H	L	3	0	1	10	Yes
Facility O & M	Use for Grounds Keeping	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X		X	Req	H	M	M	M	1	3	0	9	Yes
Facility O & M	Use for Grounds Keeping	Cultural Resources	Loss/destruction of historical/culturally sensitive sites	X		X	E.O.	H	L	M	L	1	1	2	7	Yes
Facility O & M	Purchases for Grounds Keeping	Natural Resources	Reduction in important non-renewable natural resources	X		X	E.O.	H	L	M	L	1	1	2	7	Yes
Facility O & M	Purchases for Grounds Keeping	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X		X	Req	H	L	M	L	1	1	2	7	Yes
Facility O & M	Purchase of Operation Support Systems	Natural Resources	Reduction in important non-renewable natural resources	X					H	M	L	1	1	1	6	Yes
Facility O & M	Purchase of Maintenance Materials	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X		X	Req	H	L	M	H	2	1	1	9	Yes
Facility O & M	Purchase Maintenance Shop	Hazardous Materials	escape of hazardous materials to the natural environment with resultant ecosystem impacts	X		X	Req	H	L	L	L	1	0	3	6	Yes
Facility O & M	Pier Repair	Water Quality	Degradation to marine ecosystems flora and fauna	X	X	X	Req	H	M	M	M	1	3	0	9	Yes
Facility O & M	Pier Repair	Toxic Substances	Impacts to water and terrestrial ecosystems resulting from releases to land or water	X	X	X	Req	H	M	M	M	1	3	0	9	Yes
Facility O & M	Pier Repair	Hazardous Materials	Impacts to water and terrestrial ecosystems resulting from releases to land or water	X	X	X		H	M	M	M	1	3	0	9	Yes
Facility O & M	Pier Repair	Special Waste	Greater use than necessary of land fill/incineration	X	X	X	Req	H	M	L	M	1	2	1	8	Yes
Facility O & M	Pier Repair	Noise	Impacts local communities	X	X	X	Req	H	L	L	L	1	0	3	6	Yes
Facility O & M	Parking Lot	Water Quality	Degradation of ground water and potential leaching to marine and fresh water ecosystems	X	X	X	Req	H	M	L	L	1	1	2	7	Yes

ENVIRONMENTAL ASPECT/IMPACT WORKSHEET

Function	Activity, Product and/or Service	Environmental Aspects	Environment Impacts	Condition			Normal (N) Emergency (E) Maintenance (M)			Significance			Low Medium High			Impact Score	Significant = Regulated H = Score of 7 or above
				N	E	M	Reg. Req	Risk	Steward-ship	P2	H	M	I	Total			
Vessel & Vehicle O&M	Use of Vehicles	Solid Waste	Greater use than necessary of land fill/incineration	x	x	x	9.3 9.4	H	H	M	M	2	2	0	10	Yes	
Facility O & M	HVAC Operations	Natural Resources	Reduction in important non-renewable natural resources	X			6.4	H	H	M	L	2	1	1	9	Yes	
Facility O & M	HVAC Operations	Air Emissions	Degradation of Air quality		X		1.2	H	M	L	L	1	1	2	7	Yes	
Facility O & M	Fuel Storage (Release)	Water Quality	Degradation of ground water and potential leaching to marine and fresh water ecosystems		X		Reg.	H	H	H	L	3	0	1	10	Yes	
Facility O & M	Fuel Storage (Release)	Land	Impacts to soil and aquifers from spills		X		Reg	H	H	H	L	3	0	1	10	Yes	
Facility O & M	Disposal of Operation Support Systems	Solid Waste	Greater use than necessary of land fill/incineration	X			Reg. Req	H	L	L	M	1	1	2	7	Yes	
Facility O & M	Disposal of Operation Support Systems	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	X			Reg. Req	H	L	L	M	1	1	2	7	Yes	
Facility O & M	Disposal of Maintenance Materials	Special Waste	Greater use than necessary of land fill/incineration	X		X	Req	H	M	M	H	2	2	0	10	Yes	
Facility O & M	Disposal of Maintenance Materials	Solid Waste	Greater use than necessary of land fill/incineration	X		X	Req	H	M	M	H	2	2	0	10	Yes	
Facility O & M	Disposal of Maintenance Materials	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	X		X	Req	H	M	M	H	2	2	0	10	Yes	
Facility O & M	Disposal Maintenance Shop	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials			X	Reg	H	H	M	M	2	2	0	10	Yes	
Facility O & M	Disposal Maintenance Shop	Solid Waste	Greater use than necessary of land fill/incineration			X	Reg	H	L	L	M	1	1	2	7	Yes	
Facility O & M	Disposal for Janitorial Activities	Waste Water	Impacts to water treatment facilities	X			Req	H	M	L	L	1	1	2	7	Yes	
Facility O & M	Disposal for Janitorial Activities	Special Waste	Greater use than necessary of land fill/incineration	X			Req	H	M	L	L	1	1	2	7	Yes	
Facility O & M	Disposal for Janitorial Activities	Solid Waste	Greater use than necessary of land fill/incineration	X			Req	H	L	L	M	1	1	2	7	Yes	
Facility O & M	Disposal for Grounds Keeping	Special Waste	Greater use than necessary of land fill/incineration	X		X	Req	H	L	M	H	2	1	1	9	Yes	
Facility O & M	Disposal for Grounds Keeping	Solid Waste	Greater use than necessary of land fill/incineration	X		X	Req	H	L	M	M	1	2	1	8	Yes	
Facility O & M	Disposal for Grounds Keeping	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	X		X	Req	H	L	M	M	1	2	1	8	Yes	
Facility O & M	Chemical and fluid spills Equipment Break (equipment in building)	Water Quality	Degradation of ground water and potential leaching to marine and fresh water ecosystems		X		4.3	H	M	M	M	1	3	0	9	Yes	
Facility O & M	Chemical and fluid spills Equipment Break (equipment in building)	Hazardous Materials	Impacts to water and terrestrial ecosystems resulting from releases to land or water		X		7.5	H	M	M	M	1	3	0	9	Yes	
Facility O & M	Chemical and fluid spills Equipment Break (equipment in building)	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials		X		5.2 7.4	H	M	L	M	1	2	1	8	Yes	
Facility O & M	Chemical and fluid spills Equipment Break (equipment in building)	Special Waste	Greater use than necessary of land fill/incineration		X		5.10 7.4	H	L	L	M	1	1	2	7	Yes	
Facility O & M	Building use and operations	Natural Resources	Reduction in important non-renewable natural resources	X			6.4	H	M	M	L	1	2	1	8	Yes	
Facility O & M	Boiler Operations	Natural Resources	Reduction in important non-renewable natural resources	X			E.O	H	L	M	H	2	1	1	9	Yes	
Facility O & M	Boiler Operations	Air Emissions	Degradation of Air quality	X		X	5.1	H	M	L	M	1	2	1	8	Yes	
Facility O & M	Boiler Operations	Waste Water	Impacts to water treatment facilities	X		X	13.1	H	M	L	L	1	1	2	7	Yes	
Facility O & M	Boiler Operations	Solid Waste	Greater use than necessary of land fill/incineration			X	3.3	H	L	L	L	1	0	3	6	Yes	
Facility O & M	Boiler Operations	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	X		X	3.2	H	L	L	L	1	0	3	6	Yes	
Facility O & M	Boiler Operations	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X		X	5.2 5.2 5.8 8.10	H	L	L	L	1	0	3	6	Yes	
Admin	Shipping	Hazardous Materials	Impacts to soil and aquifers from spills	X			4.4 4.6 4.3 10.2	H	H	M	L	2	1	1	9	Yes	
Admin	Shipping	Natural Resources	Reduction in important non-renewable natural resources	X			10.1 10.2	L	H	L	M	1	1	2	7	Yes	
Admin	Shipping	Hazardous Materials	Impacts to soil and aquifers from spills		X			H	M	L	L	1	1	2	7	Yes	
Admin	Receiving	Hazardous Materials	Impacts to soil and aquifers from spills		X		7.3	H	M	L	L	1	1	2	7	Yes	
Admin	Disposal of Personal Property	Hazardous Waste	Greater use than necessary of land fill/incineration and potential ecosystem impacts from leaching and escape of hazardous materials	X		X	10.1 7.4	H	H	M	H	3	1	0	11	Yes	
Admin	Disposal of Personal Property	Special Waste	Greater use than necessary of land fill/incineration	X		X	10.1 7.4	H	M	M	H	2	2	0	10	Yes	
Admin	Disposal of Personal Property	Solid Waste	Greater use than necessary of land fill/incineration	X			10.1 7.4	H	L	M	H	2	1	1	9	Yes	
Science Research	Disposal of Chemicals	Water Quality	Impacts to water treatment facilities	X				H	M	L	L	1	1	1	6	No	

ENVIRONMENTAL ASPECT/IMPACT WORKSHEET

Function	Activity, Product and/or Service	Environmental Aspects	Environment Impacts	Condition		M	Reg. Req	Risk	Steward-ship	P2	H	M	I	Total	Significant = Regulated H = Score of 7 or above		
				Normal (N)	Emergency (E)												
				Maintenance (M)												Significance Low Medium High	
Vessel & Vehicle O&M	Use of Vehicles	Solid Waste	Greater use than necessary of land fill/incineration	x	x	x	9.3 9.4	H	H	M	M	2	2	0	10	Yes	
Science Research	Disposal of Biohazards	Water Quality	Impacts to water treatment facilities	X					H	M	L	1	1	1	6	No	
Science Research	Disposal of Radioactive Sources	Water Quality	Impacts to water treatment facilities	X					H	M	L	1	1	1	6	No	
Admin	Purchase of Personal Property	Natural Resources	Reduction in important non-renewable natural resources	X	X	X	10.1 7.4	L	L	M	M	0	2	2	6	No	
Facility O & M	Purchase of Maintenance Materials	Natural Resources	Reduction in important non-renewable natural resources	X		X		L	L	L	H	1	0	3	6	No	
Facility O & M	Pier Repair	Natural Resources	Reduction in important non-renewable natural resources	X	X	X		L	M	L	M	0	2	2	6	No	
Facility O & M	Use for Grounds Keeping	Noise & Light	Impacts local communities and marine mammals	X		X		L	L	M	L	0	1	3	5	No	
Facility O & M	Use for Janitorial Activities	Natural Resources	Reduction in important non-renewable natural resources	X		X		L	L	L	M	0	1	3	5	No	
Facility O & M	Use for Grounds Keeping	Natural Resources	Reduction in important non-renewable natural resources	X		X		L	L	M	L	0	1	3	5	No	
Facility O & M	Use for Janitorial Activities	Hazardous Materials	Escape of hazardous materials to the natural environment with resultant ecosystem impacts	X	X	X	Req	L	M	L	L	0	1	3	5	No	
Admin	Use of Personal Property	Solid Waste	Greater use than necessary of land fill/incineration	X		X		L	L	L	L	0	0	4	4	No	
Vessel & Vehicle O&M	Echosounders (Sonar)	Noise (hydroacoustic)	Impacts to marine mammals	X	x	x		7.5	L	L	L	L	0	0	4	4	No
Facility O & M	Boiler Operations	Noise (Db unknown)	Impacts to employees and local communities	X		X	7.2		L	L	L	L	0	0	4	4	No
Vessel & Vehicle O&M	Vessel Underway	Noise (airborne)	Impacts to marine mammals	x	x	x	7.2		L	L	L	L	0	0	4	4	No
Vessel & Vehicle O&M	Use of Vehicles	Noise	Impacts to marine mammals	x	x	x	7.5		L	L	L	L	0	0	4	4	No
Vessel & Vehicle O&M	Maintenance (Vessel)	Noise	Impacts to marine mammals	X	x	x	7.5		L	L	L	L	0	0	4	4	No
Vessel & Vehicle O&M	Maintenance (Vehicle)	Noise	Impacts to marine mammals	X	x	x	7.5		L	L	L	L	0	0	4	4	No
Facility O & M	Use Maintenance Shop	Noise	Impacts to marine mammals	X					L	L	L	L	0	0	4	4	No
Facility O & M	Use Maintenance Shop	Natural Resources	Reduction in important non-renewable natural resources	X		X			L	L	L	L	0	0	4	4	No
Facility O & M	Purchase Maintenance Shop	Natural Resources	Reduction in important non-renewable natural resources	X		X			L	L	L	L	0	0	4	4	No
Facility O & M	Use Maintenance Shop	Air Emissions	Degradation of Air quality	X		X			L	L	L	L	0	0	4	4	No
Science Research	Lab Studies	Water Quality	Impacts to water treatment facilities	X					L	L	L	L	0	0	3	3	No
Science Research	Use of Chemicals	Water Quality	Impacts to water treatment facilities	X					L	L	L	L	0	0	3	3	No
Science Research	Use of Biohazards	Water Quality	Impacts to water treatment facilities	X					L	L	L	L	0	0	3	3	No
Science Research	Use of Radioactive Sources	Water Quality	Impacts to water treatment facilities	X					L	L	L	L	0	0	3	3	No
Science Research	Storage	Water Quality	Impacts to water treatment facilities	X					L	L	L	L	0	0	3	3	No
Science Research	Lab Studies	Land	Impacts to soil and aquifers from spills	X					L	L	L	L	0	0	3	3	No
Science Research	Use of Chemicals	Land	Impacts to soil and aquifers from spills	X					L	L	L	L	0	0	3	3	No
Science Research	Use of Biohazards	Land	Impacts to soil and aquifers from spills	X					L	L	L	L	0	0	3	3	No
Science Research	Use of Radioactive Sources	Land	Impacts to soil and aquifers from spills	X					L	L	L	L	0	0	3	3	No
Science Research	Storage	Land	Impacts to soil and aquifers from spills	X					L	L	L	L	0	0	3	3	No
Science Research	Storage	Air Emissions	Degradation of Air quality	X					L	L	L	L	0	0	3	3	No

	Environmental Issue/Impact	Requirement														
		Federal/DOC						NOAA		International	State & Local	State & Local	State & Local	State & Local	State & Local	State & Local
		Regulation		Executive Order		Admin Order	Admin Order	Compliance Policy	Compliance	Washington	North Carolina	South Carolina	Maryland	Alaska	Virginia	
1.0	AIR EMISSIONS															
1.1	Steam Generators	40 CFR 60														
1.2	Gas Turbines	40 CFR 60														
1.3	Miscellaneous Incinerators	40 CFR 60														
1.4	Medical Waste Incinerators	40 CFR 60														
1.5	Printing Presses & Graphic Arts	40 CFR 60														
1.6	Fugitive Emissions	40 CFR 61														
1.7	CFCs & Halon	40 CFR 82														
1.8	Degreasing Operation	40 CFR 63														
1.9	Alternative Fuel Vehicle	EPACT of 1992														
1.10	Vessel air emission	40 CFR 90	40 CFR 55													
2.0	CULTURAL RESOURCES															
2.1	Historic Preservation	36 CFR 800														
2.2	Religious/Heritage Access	RFRA 1993; AIRFA 1978														
2.3	Archaeological/Indian	32 CFR 229	43 CFR 10													
2.4	Collection Management & Curation	36 CFR 79														
3.0	ENVIRONMENTAL MANAGEMENT SYSTEM															
3.1	Management Commitment															
3.2	Compliance Assurance & Pollution Prevention															
3.3	Enabling Systems															
3.4	Performance and Accountability															
3.5	Measurement and Improvement															
4.0	HAZARDOUS MATERIALS MANAGEMENT															
4.1	Personal Training	29 CFR 1910														
4.2	HM in Laboratories	29 CFR 1910														

	Environmental Issue/Impact	Requirement																
		Federal/DOC						NOAA		International	State & Local	State & Local	State & Local	State & Local	State & Local	State & Local		
		Regulation			Executive Order		Admin Order	Admin Order	Compliance Policy	Compliance	Washington	North Carolina	South Carolina	Maryland	Alaska	Virginia		
4.3	Releases of HM				EO13423	EO13423				At sea operations, see MARPOL73/78, Annex I					COMAR Title 26, Subtitle 14	18 AAC 75		
4.4	Emergency Planning (EPCRA)	40 CFR 302	40 CFR 355	33 CFR 151	EO13423													
4.5	Right-to-Know	40 CFR 370	40 CFR 372		EO13423													
4.6	Flammable/Combustible Storage	29 CFR 1910			EO12580; EO13423	EO12196												
4.7	Compressed Gas Storage	29 CFR 1910																
4.8	HM Transportation	49 CFR 172					DAO 200-0 EMM	NAO 216-17							COMAR Title 11, Subtitles 7 and 16		9 VAC 20, Chapter 110	
4.9	HM transfer to/from vessels	33 CFR 156	46 CFR 147					NOAA Instruction 6280B										
4.10	HM transfer operation for fixed facility	33 CFR 154																
4.11	HM Storage on floating plants	33 CFR 155																
4.12	HM on tank vessels	33 CFR 155	46 CFR 30, 32,34,35,38															
4.13	HM on Cargo & Miscellaneous vessels	33 CFR 155	46 CFR 92															
4.14	Radioactive materials	10 CFR 30: 31-35; 40:70			EO13423	EO12580				WAC 246-220 and WAC 246-254	15A NCAC 11	SC Code of Regulations Chapter 61-63	COMAR Title 26, Subtitle 15	18 AAC 85	9 VAC 20, Chapter 120, Section 320			
4.15	HM Storage on Vessels	29 CFR 1910			EO12196													
5.0	HAZARDOUS WASTE MANAGEMENT																	
5.1	All Generators	40 CFR 261																
5.2	CESQG	40 CFR 261																
5.3	SQG	40 CFR 262																
5.4	LQG	40 CFR 262																
5.5	HW transportation	40 CFR 263																
5.6	Mixed waste				EO13423	EO12580	DAO 200-0 EMM	NAO 216-17				WAC 173-303; WAC 173-305		15A NCAC 13A	SC Code of Regulations Chapter 61-79	COMAR Title 26, Subtitle 13	18 AAC 62	9 VAC 20, Chapter 60
5.7	TSDFs	40 CFR 270																
5.8	HW export/import	40 CFR 262																
5.9	HW on public vessels	FFCA, Section 106																
5.10	Small Quantity UW handler	40 CFR 273																
5.11	Large Quantity UW handler	40 CFR 273																
5.12	UW Transporters	40 CFR 273																
5.13	UW destination facilities	40 CFR 273																
6.0	NATURAL RESOURCES MANAGEMENT																	
6.1	Dredging	33 CFR 323					DAO 216-06	NAO 216-06				WAC 173-27; WAC 173-802; WAC 197-11	15A NCAC 07	SC Code of Regulations Chapters 30 and 101	COMAR Title 26, Subtitle 24		4 VAC 20	

	Environmental Issue/Impact	Requirement														
		Federal/DOC				NOAA		International	State & Local	State & Local	State & Local	State & Local	State & Local	State & Local		
		Regulation		Executive Order		Admin Order	Admin Order	Compliance Policy	Compliance	Washington	North Carolina	South Carolina	Maryland	Alaska	Virginia	
6.2	Land Management	7 CFR 360								Revised Code of Washington (RCW) Title 76, Chapter 76.09	15A NCAC 09	SC Code of Regulations Chapter 72		11 AAC Parts 6 and 7	4 VAC Agency 3 - 50	
6.3	Wildlife	50 CFR 402	50 CFR 21							WAC 232	15A NCAC 10; 15A NCAC 12	SC Code of Regulations Chapters 121 and 123	COMAR Title 8, Subtitle 3	5 AAC Parts 42 to 98	4 VAC 15	
6.4	Sustainability (e.g., fuel, energy, water)				EO13423	EO13221					Sustainable and Green Building Practices Policy (Signed 3/3/04)				Virginia Department of Environmental Quality, Virginia Coastal Program	
7.0	OTHER ENVIRONMENTAL ISSUES															
7.1	NEPA	40 CFR 1501			EO 11514		DAO 216-06	NAO 216-06			WAC 173-802; WAC 197-11	15A NCAC 01C			10.1-1188 et seq. of Code of Virginia	
7.2	Environmental Noise	40 CFR 201-211								WAC 173-58; WAC 173-60; WAC 173-62	15A NCAC 18A; 15A NCAC 07H		COMAR Title 26, Subtitle 2, Title 8, Subtitle 18			
7.3	Installation Restoration Program	40 CFR 300					DAO 200-0 EMM	NAO 216-17			WAC 173-340	15A NCAC 13C	Brownsfields Voluntary Cleanup Program under SC Code of Regulations Title 44, Chapter 56, Article 7, SC Haz Waste Management Act	Alaska Contaminated Sites Program; 18 AAC 75 and 78		
7.4	Pollution Prevention				EO13423		DAO 200-0 EMM	NAO 216-17			WAC 173-307				Voluntary programs that target specific sectors	
7.5	Threatened & Endangered Species	50 CFR 222	ESA	MMPA			DAO 200-0 EMM	NAO 216-06; NAO 216-17			WAC 232-12	15A NCAC 10I	SC Code of Regulations Chapter 123	COMAR Title 8, Subtitles 2 and 3	5 AAC 93.020	4 VAC 15, Chapter 20-130
7.6	Wetlands	40 CFR 230					DAO 216-06			WAC 173-22; WAC 173-700	15A NCAC 07	SC Code of Regulations Chapter 30	COMAR Title 26, Subtitles 23 and 24	11 AAC 112	9 VAC 25, Chapter 210	
7.7	Real property acquisition & disposition	40 CFR 312	40 CFR 373	CERCLA 120h					Real Property Transfer Guidance 08/31/95							
8.0	PESTICIDE MANAGEMENT															
8.1	Pesticide applicators	40 CFR 171								WAC 16-202; WAC 16-228; WAC 16-229	02 NCAC 34; 02 NCAC 09L		COMAR Title 15, Subtitle 5	18 AAC 90	2 VAC 20, Chapter 51	
8.2	Pesticide application	50 CFR 402	7 CFR 110				DAO 200-0 EMM	NAO 216-17								
8.3	Storage, mixing, & handling	29 CFR 1910														
9.0	PETROLEUM, OIL, AND LUBRICANT (POL) MANAGEMENT															
9.1	Spill plan (> 1,320 gal)	40 CFR 112								WAC 173-180; WAC 173-181; WAC 173-183						
9.2	Response plan (> 1,000,000 gal)	40 CFR 112												18 AAC 75	9 VAC 25, Chapter 90	

	Environmental Issue/Impact	Requirement													
		Federal/DOC					NOAA		International	State & Local	State & Local	State & Local	State & Local	State & Local	State & Local
		Regulation		Executive Order		Admin Order	Admin Order	Compliance Policy	Compliance	Washington	North Carolina	South Carolina	Maryland	Alaska	Virginia
9.3	Discharge/Spills	40 CFR 110													
9.4	Oil waste handling & discharge @ sea	33 CFR 151							MARPOL 73/78; Annex I MO Resolution A.774.19			COMAR Title 26, Subtitle 10			
9.5	POL storage	40 CFR 112								WAC 173-180; WAC 173-181; WAC 173-183			18 AAC 75	4 VAC 25, Chapter 40-2940	
9.6	POL storage on vessels/ships	33 CFR 155													
9.7	POL storage on tank vessels	46 CFR 30: 32; 34: 35				DAO 200-0 EMM	NAO 216-17				SC Code of Regulations Chapter 121-8.0		18 AAC 75.027		
9.8	POL Storage (Cargo & Misc Vessels)	46 CFR 92	46 CFR 97												
9.9	Pipelines	40 CFR 112													
9.10	Service Stations	29 CFR 1910											18 AAC 75.080		
9.11	POL loading & unloading (Oil Transfer)	40 CFR 112	33 CFR 156							WAC 173-180; WAC 173-181; WAC 317-40			18 AAC 75.080 and 75.025		
9.12	Used oil	40 CFR 279													
9.13	Used oil transportation	40 CFR 279												Adopted federal regulations - 40 CFR Part 279	
9.14	Used oil burners	40 CFR 279								WAC 173-300; WAC 173-303	15A NCAC 13A	SC Code of Regulations Chapter 61-107	COMAR Title 26, Subtitle 10		
10.0	SOLID WASTE														
10.1	Storage/collection of solid waste	40 CFR 243		EO13423	EO12580					WAC 173-304; WAC 173-310; WAC 173-350			COMAR Title 26, Subtitles 3 and 4	18 AAC 60	9 VAC 20, Chapter 80
10.2	Recycling	40 CFR 246		EO13423	EO13423					WAC 173-312; WAC 173-331	15A NCAC 13B	SC Code of Regulations Chapter 61-107	COMAR Title 26, Subtitle 4	18 AAC 64, 65, and 66	
10.3	Non-MSWLF & Facilities	40 CFR 257													
10.4	Thermal Processing Facilities	40 CFR 240				DAO 200-0 EMM	NAO 216-17			WAC 173-306; WAC 173-434			COMAR Title 26, Subtitle 11	18 AAC 60	
10.5	Disposal of refuse from outside of U.S.	7 CFR 330													
10.6	Medical waste containers/labeling/storage areas	29 CFR 1910									15A NCAC 13B	SC Code of Regulations Chapter 61-105	COMAR Title 10, Subtitle 6; Title 26, Subtitle 13	18 AAC 60.030	9 VAC 20, Chapter 120
10.7	Solid waste from ships	33 CFR 151							MARPOL 73/78, Annex V						
10.8	Disposal of medical waste @ sea	US Public Vessel Medical Anti-Dumping Act													9 VAC 20, Chapter 170
11.0	STORAGE TANK MANAGEMENT														
11.1	Aboveground storage tank	40 CFR 112											COMAR Title 26, Subtitle 10	18 AAC 75.065	9 VAC 25, Chapter 91-10 et seq.
11.2	Emission from POL storage vessels	40 CFR 60								WAC 173-490; WAC 173-491	15A NCAC 02D				
11.3	UST	40 CFR 280								WAC 173-360	15A NCAC 02N; 15A NCAC 02O; 15A NCAC 02P	SC Code of Regulations Chapter 61-92	COMAR Title 26, Subtitle 10	18 AAC 78	9 VAC 25, Chapter 580

	Environmental Issue/Impact	Requirement														
		Federal/DOC						NOAA		International	State & Local	State & Local	State & Local	State & Local	State & Local	State & Local
		Regulation		Executive Order		Admin Order	Admin Order	Compliance Policy	Compliance	Washington	North Carolina	South Carolina	Maryland	Alaska	Virginia	
11.4	HW storage tanks (SQG & TSDF)	40 CFR 262	40 CFR 265			DAO 200-0 EMM	NAO 216-17			WAC 173-303		SC Code of Regulations Chapter 61-79.264	COMAR Title 26, Subtitle 13			
11.5	Flammable/Combustible liquid	29 CFR 1910														
11.6	Used oil	40 CFR 279								WAC 173-303	15A NCAC 13A	SC Code of Regulations Chapter 61-107	COMAR Title 26, Subtitle 10			
11.7	Marine Portable Tanks (MRTs)	46 CFR 64	46 CFR 98													
11.8	Storage tanks on ships	33 CFR 155												18 AAC 75.027		
11.9	Ballast tank on vessels	33 CFR 150							IMO A.774.(18); Coast Guard BMP				COMAR Title 26, Subtitle 25			
11.10																
12.0	TOXIC SUBSTANCES MANAGEMENT															
12.1	PCB	40 CFR 761														
12.2	Asbestos	40 CFR 61										10A NCAC 41C, 15A NCAC 13B	SC Code of Regulations Chapter 61-86	COMAR Title 26, Subtitle 11	18 AAC 60	9 VAC 5, Chapter 60
12.3	Radon	40 CFR 61				DAO 200-0 EMM	NAO 216-17			PSCAA	15A NCAC 11	SC Code of Regulations Chapter 61-63				9 VAC 5, Chapter 60
12.4	Lead-Based Paint	40 CFR 745										SC Code of Regulations Chapters 61-75, 61-85, and 61-103	COMAR Title 26, Subtitles 2 and 16			12 VAC 5, Chapter 110-120
13.0	WASTEWATER MANAGEMENT															
13.1	NPDES Permit	40 CFR 122	40 CFR 136							WAC 173-220						Currently issued by US EPA. Alaska recently began designing a state NPDES program and will be applying to EPA for state NPDES Primacy in 2006
13.2	Discharge to POTWs/FOTWs	40 CFR 403	FFCA, PL 102-386, Section 3023(a)								15A NCAC 2H	SC Code of Regulations Chapters 61-9	COMAR Title 26, Subtitles 3, 4, 8, 9, and 17			9 VAC 25, Chapter 31
13.3	Steam electric power generating sources effluent limitation	40 CFR 423				DAO 200-0 EMM	NAO 216-17								18 AAC 72	
13.4	Electroplating effluent limitation	40 CFR 413														
13.5	Metal finishing effluent limitation	40 CFR 433														
13.6	Photo labs effluent limitation	40 CFR 459								WAC 173-221A , WAC 173-224 , WAC 173-226 , WAC 173-240						
13.7	Armed forces vessel discharges (Sewage & graywater discharge @ sea)	33 CFR 140	33 CFR 159	40 CFR 1700					MARPOL Annex IV (Pending)							

	Environmental Issue/Impact	Requirement															
		Federal/DOC					NOAA		International	State & Local	State & Local	State & Local	State & Local	State & Local	State & Local		
		Regulation		Executive Order		Admin Order	Admin Order	Compliance Policy	Compliance	Washington	North Carolina	South Carolina	Maryland	Alaska	Virginia		
13.8	Sludge management & application	40 CFR 503											15A NCAC 13B	SC Code of Regulations Chapters 61-9, 61-67, 61-68, and 61-82	COMAR Title 26, Subtitle 4	18 AAC 72.510	
14.0	WATER QUALITY																
14.1	Public water system	40 CFR 141															
14.2	Community water system	40 CFR 141															
14.3	Non community water system	40 CFR 141															
14.4	Nontransient/noncommunity (NTNC) water system	40 CFR 141				DAO 200-0 EMM	NAO 216-17			WAC 246-290 to WAC 246-296	15A NCAC 18C	SC Code of Regulations Chapters 61-58	COMAR Title 26, Subtitles 3 and 4	18 AAC 80	5 VAC 5, Chapter 590		
14.5	Transient Noncommunity water system	40 CFR 141															
14.6	Sole source aquifer	40 CFR 149															
14.7	Noncommunity water	40 CFR 141															
14.8	Potable water	40 CFR 139															