

**INITIAL WASTE HANDLING PLAN
M/V SELENDANG AYU SPILL RESPONSE
17 DECEMBER 2004**

**Prepared by:
Unified Command
Dutch Harbor, Alaska**

M/V Selendang Ayu Initial Waste Handling Plan 17 December 2004

This document establishes and describes the procedures and protocols which will be followed by responders in removing, transporting, and temporary storage of all waste materials, recovered and generated, during clean up of the M/V Selendang Ayu. This document serves as an Initial Waste Handling Plan (IWHP), and will be updated as needed. All updates will be subject to approval. The Responsible Party (RP) will submit a final Waste Disposal Plan for approval.

Person In Charge: The RP Incident Management Team's (IMT) Disposal Branch On-Site Manager will be responsible for implementation of the conditions of this plan by all responders. The RP IMT Logistics Section Chief (LSC) will be responsible for supervising final disposal of all waste materials.

Primary Temporary Waste Storage: All oiled and non-oiled solid waste generated or recovered during clean up and salvage operations will be bagged and appropriately tagged at the location (i.e. on the vessel) where it is generated. Bags of solid waste will be stored on board the vessel where it was generated. Bags of oily waste will be stored inside of impervious secondary containment while on board the vessel. Secondary containment can be constructed of 6-mil visquene or polyethylene, metal or soft-sided bulk bins that are lined with 6-mil visquene or polyethylene. It is very important that the secondary containment on the vessel is constructed so that it does not leak. Note, to prevent water management issues, it is advised that secondary containment be a lined bin with a cover.

- Liquid wastes will be stored in appropriate containers (e.g. tanks or drums) as specified in this plan.
- Waste will be transferred to the Interim Waste Storage Facility in Dutch Harbor as soon as practicable except for oiled wildlife.
- Oiled, deceased wildlife will be bagged, labeled, and transferred to USFWS personnel as soon as possible according to the Oiled Wildlife Handling Protocol (attached). **Oiled, live wildlife will be reported to the Wildlife Unit immediately. The contact number for the Dutch Harbor wildlife rehabilitation center is 907-359-8916, attention Barbara Callahan. In addition, the discovery of oiled, live wildlife can be reported to the M/V Exito by response personnel in the field.**

Waste Identification: All solid waste will be bagged, bundled or contained, and then tagged with a colored label identifying the category of waste as detailed in this plan. If any materials cannot be easily characterized by a responder, the Site Supervisor will notify the Waste Specialist and in conjunction with the Safety Officer will make a decision as to what method will be used to accomplish a characterization of the material prior to responders taking further actions of removal of the material. Attached is a table of the waste types anticipated to be generated with the appropriate labeling and packaging requirements for onsite responders.

Hazardous and/or other regulated waste generated as part of the response effort will be containerized in drums at the point of generation on the vessel and transferred to the IWSF for transport and disposal. These types of wastes include paint, aerosol cans, used solvents, etc.

Transport of waste collected from the generation point will be handled by a combination of transportation methods appropriate for access to that particular area. Transportation methods

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include helicopter, landing craft/light vessel, and stowed properly on the transport vessel to prevent loss overboard or the release of oil or sheen into the environment. Individual waste bags will be consolidated either on the beach or on the vessel in 9-cubic yard capacity soft-sided bulk bins, and labeled appropriately in accordance with the above table. A person from each response crew will be designated to maintain an inventory log of each waste stream collected from their efforts to be turned over to the IWSF when the waste is transferred to that facility. Attached is a table of the tracking log to be used at the generation point.

Dutch Harbor Interim Waste Storage Facility (IWSF): All Liquid and solid waste generated by the response/clean-up effort will be consolidated for final disposal/recycling (as appropriate) at the North Light Cargo Pier (NLCP) in Dutch Harbor. Liquids will be stored in designated tanks and solids in designated containers. RP IMT Logistics personnel at the IWSF shall take custody of all waste generated and keep tracking logs of the type and volume (gallons) or weight (pounds or tons) of waste entering the IWSF on a daily basis and reported on a daily basis to the Unified Command. This information will become part of the overall master waste tracking log for all waste generated and disposed of during the response effort.

Impervious secondary containment will be provided for liquid waste tanks and solid waste containers to contain liquid releases and rainwater collecting in secondary containment within the IWSF. Rainwater from the secondary containment will be collected, sampled and disposed/recycled as necessary in accordance with the Waste Disposal Plan. Every effort will be made to minimize the amount of rainwater collected from the secondary containment at the IWSF. The secondary containment will be either rubberized containment mats or constructed using layers of visquene covering absorbent rug surrounded by a sorbent boom "berm" meeting the requirement of ADEC for secondary containment.

Ultimate Disposal: Waste stored at the IWSF will be profiled, manifested, labeled and placarded, transported, and disposed of as described in the Waste Disposal Plan (forthcoming). In addition, liners, and other secondary containment structures will also be disposed of as waste. The agent of the Responsible Party will provide a Hazardous Materials Disposal Specialist to manage characterization and packaging of all waste disposal or transportation for ultimate disposal at TSDs. The agent of the Responsible Party will coordinate local disposal options with the City of Dutch Harbor and the local ADEC representative. In the event that to City of Dutch Harbor cannot handle the additional solid waste generated by the response effort, the agent of the Responsible Party will coordinate disposal offsite with the local ADEC representative.

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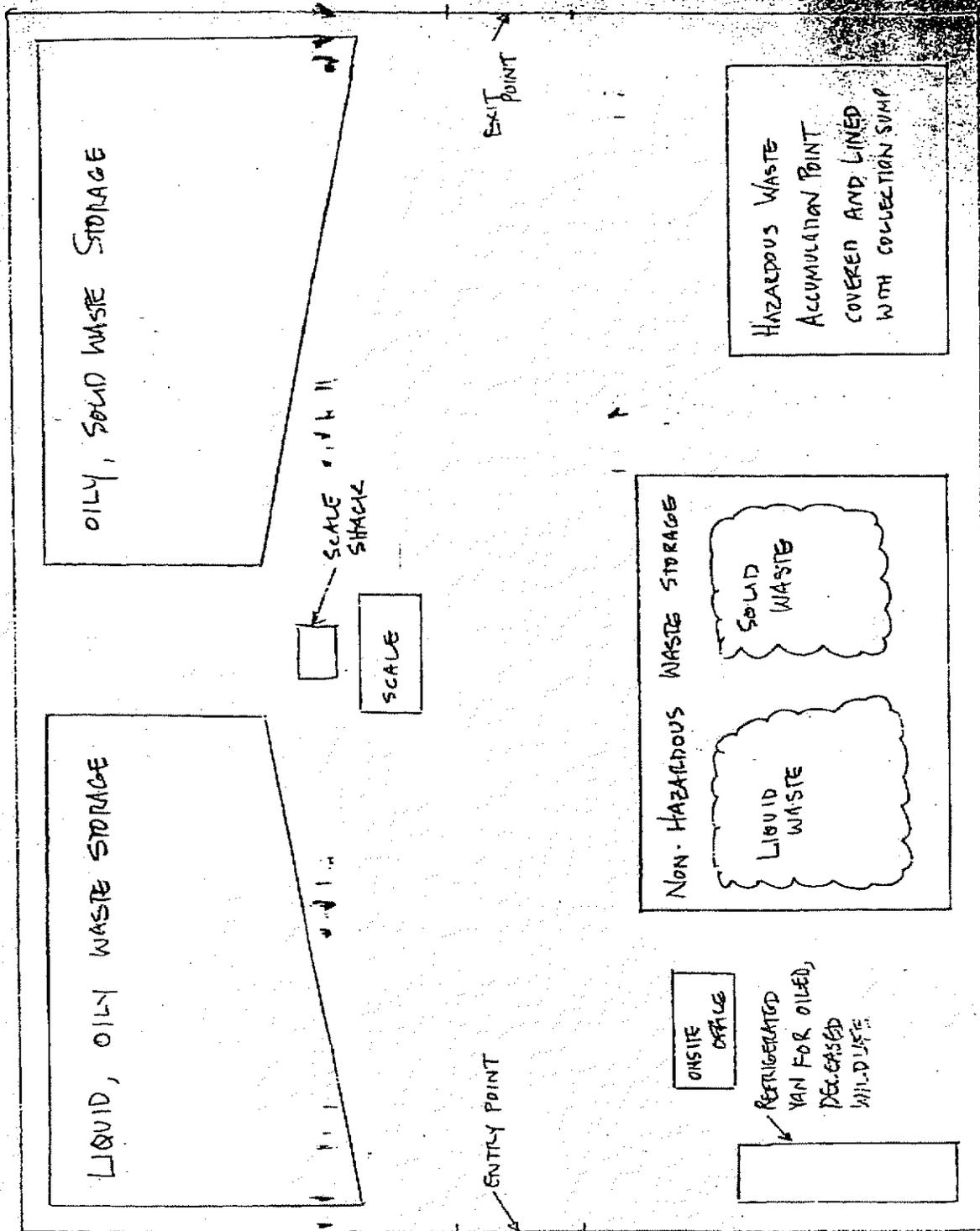
Local contacts:

City of Unalaska Department of Public Safety	(907) 581-1233 (T)	(907) 581-5024 (F)
City of Unalaska Landfill	(907) 581-5757 (T)	
City of Unalaska Wastewater Treatment Plant	(907) 581-1693 (T)	
Responsible Party (Waste Branch Manager)	(907) 359-9171 (T)	

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Waste Stream Collection and Storage Requirements

Description of Material	Tag/Label	Collection	On Vessel Storage	Interim Storage
Oiled Solid Waste -used PPE -used boom -used sorbents -oiled snares -oiled soybean cargo -soil, rocks, grasses, sea shells wood debris -other soiled equipment	Red	Clear Bag (4 mil visquene) that will be deposited into lined 1-cubic yard supersack and contained on the vessel in a 9-cubic yard soft-sided containment bin bags, 4 mil visquene.	9-cubic yard soft-sided bulk bin	Designated Container within secondary containment at Dutch Harbor IWSF.
Non-Oiled Solid Waste -garbage -construction debris	Blue	Clear Bag (4 mil visquene) that will be deposited into lined 1-cubic yard supersack and contained on the vessel in a 9-cubic yard soft-sided containment bin bags, 4 mil visquene.	9-cubic yard soft-sided bulk bin	Designated Container within secondary containment at Dutch Harbor IWSF.
Oiled, Dead Wildlife	Yellow	Bag carcasses individually. Clear Plastic Bag (4-mil thickness or greater)	Transfer to M/V Exito as soon as possible.	
Recovered Oil	Orange	Label as "Recovered Oil"	Internal tanks on vessel, minitarge, bladder, other designated tank	Onshore tanks within secondary containment at Dutch Harbor IMSF.
Recovered Fuel	Orange	Label as "Recovered Fuel"	Internal tanks on vessel, minitarge, bladder, other designated tank	Onshore tanks within secondary containment at Dutch Harbor IMSF.
Used Oil -engine oil -hydraulic oil	Orange	Label as "Used Oil"	Designated drum, tank, or other designated container	Onshore containers within secondary containment at Dutch Harbor IMSF.
Oily Water	Orange	Label as "Oily Water"	Designated drum, tank, or other designated container	Onshore containers within secondary containment at Dutch Harbor IMSF.
Non-Oiled Liquid Waste -grey water -sewage	Green	Label as "Black Water or Grey Water"	Internal vessel tank, other designated tank	Onshore containers within secondary containment at Dutch Harbor IMSF.
Hazardous or Regulated Waste -paint -aerosol cans -used solvent -oxygen bottles	Purple	Label as Hazardous Waste (labels must contain date generated and contents). Segregate contents as to type of waste (paint, etc)	Designated Drum and/or Overpack Drum	Onshore containers within secondary containment at Dutch Harbor IMSF.



INTERIM WASTE STORAGE FACILITY

NOT TO SCALE

ACTUAL LAYOUT OF STORAGE AREAS MAY VARY

STATE OF ALASKA

FRANK H. MURKOWSKI, GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

555 Cordova Street, 2nd Floor

Anchorage, AK 99501

PHONE: (907) 269-7557

FAX: (907) 269-7648

<http://www.state.ak.us/dec/home.htm>

PREVENTION EMERGENCY RESPONSE PROGRAM CENTRAL ALASKA RESPONSE TEAM

December 17, 2004

Howard Hile
Gallagher Marine

RE: Conditions of Approval for Initial Waste Handling Plan for the M/V Selendang Ayu

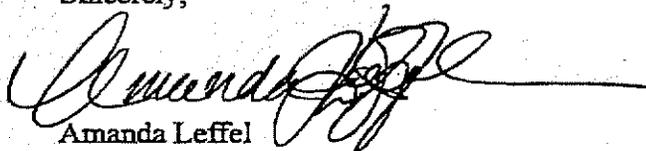
Dear Mr. Hile:

The State of Alaska has approved the Initial Waste Handling Plan submitted to the Department on Date for the M/V Selendang Ayu incident with the following conditions:

1. The transportation and storage of hazardous waste during this spill emergency response will be broadly covered by 40 CFR 270.1 (c)(3) and, where appropriate, by 40 CFR 263.30 (b), so that the spill is responded to by the most efficient means to protect human health and the environment.
2. All waste streams identified within this management plan, oiled and un-oiled solid and liquid waste shall be quantified in a manner approved by the Department upon transfer of the waste to the shore-based handling facility. The volume of waste generated shall be reported to the Department by noon the following day.

Please also note that this approval is only for those areas of the plan within State of Alaska jurisdiction. The State of Alaska does not presume authority to supercede any federal or local requirements including but not limited to RCRA requirements. We advise you to contact local and federal authorities to ensure that this plan meets their regulatory requirements.

Sincerely,



Amanda Leffel
State Planning Chief

cc: _____ SOSC
cc: _____ FOSC

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Approved:

A. J. Moore

Date: 12-17-04

Federal On-Scene Coordinator

Gary B. Kelly

Date: 12-17-04

State On-Scene Coordinator

Howard Stahl

Date: 12-17-04

Responsible Party On-Scene Coordinator