

Decontamination Plan

General:

All contaminated items will be cleaned to condition of cleanliness mutually agreed upon by the Unified Command and equipment owner. These items include vessels, barges, workboats, boom, tools, hoses, machinery and other gear and equipment that may be impacted by oil. This plan also addresses personnel decontamination.

The Decontamination Unit within the Operations Section is responsible for the development and execution of this plan.

Equipment decontamination is required when:

1. For immediate re-use or relocation within the operation.
2. Prior to required repair or maintenance.
3. Prior to demobilization and return to owner.

Decontamination Methods:

On-Water Decontamination:

The Unified Command shall approve the on-water decontamination of vessels, barges or other watercraft. On-water decontamination of large vessels shall be conducted at berth or other locations as needed.

Decontamination is to occur on-site, if possible or at a suitable berthing location. Each vessel will be placed inside standard contractor containment boom secured with a sufficient anchoring system to prevent collapse of the boom perimeter during tidal surge or influx. Once the vessel is secured within the boom, crews will proceed to either spray wash or wipe down vessel to remove product. A pumping system will retrieve the sheen/product from the area and transfer it to a barge. If initial vessel decontamination is completed and a sheen is observed upon vessel egress from the decontamination area, secondary decontamination will be implemented.

Small Vessel Decontamination:

Small vessel decontamination will be completed via use of dry-dock crane arrangement, as feasible. Small vessels will be lifted from the water and placed in boomed areas of dry-dock, washed down and water collected from within the boomed area. Areas where boats are lifted will be boomed and monitored to prevent spread of sheen. All sheen/product from vessel decontamination will be collected via absorbent pad/boom or trash pump transfer to a frac or Baker tank, or barge for quantification, reclamation and proper disposal per the Waste Handling and Disposal plan.

Decontamination Plan

Equipment Decontamination:

Cleaning systems for skimmers, hand tools, and heavy machinery will be established near the temporary waste management area. Steam cleaning and cleaning solution and water wash will be the primary methods to decontaminate equipment.

The equipment decontamination area will have a large pool for cleaning equipment and a frac tank for storage of liquids. The cleaning pool will be lined with secondary containment to capture any spilled material.

Equipment that cannot safely be moved will be decontaminated on-site using cleansing solution and water with a water rinse; this process will be repeated until visible contamination is removed. Areas used for cleaning will be bermed and lined to prevent additional contamination, and the resulting water will be collected and disposed of per the Waste Management Plan.

Expendable equipment (e.g. rope mops, brushes, tarps, etc.) will not be decontaminated but will be handled as oily waste.

Decontaminated equipment will be inventoried and this information will be forwarded to the Resource Unit Leader for final disposition of decontaminated equipment.

Personnel Decontamination:

Decontamination areas will have large children's wading pools and frac tanks to store liquids evolved from the decontamination process. The cleaning pools will be set-up within a secondary containment to capture any spilled material. There will be several wading pools set-up for individuals to wash in while they are still wearing personal protective equipment (PPE). In addition there will be 3 drums for disposal of spill debris. The drums will be labeled, one for oiled PPE, one for other oiled debris (sorbent pads, etc..) and one for unoiled debris.

After exiting the initial exclusion zone, each individual will safely go through each decon station. Decon Unit personnel will be available for assistance.

Decontamination procedures will generally include the following steps:

1. Clean PPE in series of decon pools.
2. Remove and dispose of PPE in appropriate drums for disposal.
3. Personnel leaving the decon area perform final cleaning.

Personnel decon procedures, specifically, will include the following steps:

Personnel exit the work area after removing gross contamination and leaving it in contaminated area for later disposal.

Station 1: Enter decon area by stepping onto absorbent roll.

Decontamination Plan

Station 2: Step into galvanized washtubs and remove all visible contamination from clothing and boots via wash brush. Absorbent pads and water sprayers or garden hoses should be available at this station to assist in the cleaning.

Station 3: Step from washtub and walk on absorbent roll. Remove outer gloves and place in waste can.

Station 4: Continue on absorbent roll and step into next washtub. Remove protective clothing down to boots. Step out and away from boots and clothing.

Station 5: Throw disposable clothing in waste bin and place boots in personal bags for reuse.

Station 6: Remove and dispose of inner gloves and exit decon line into sheltered area.

All liquids generated from this cleanup operation will be transferred to storage tanks used for containment of recovered oil and water.

Cleaning Solutions:

A citrus-based cleaning solution, _____, will be used as a degreaser and will be applied by either an airless sprayer or _____ as applicable. UC authorization will be obtained before using a cleaning solution for on-water decontamination. Prior to using any solution, a copy of the SDS will be provided to the Safety Officer for review.

Prepared by: _____

Date: _____

Approval: FOSC: _____

Date: _____

SOSC: _____

Date: _____

RP: _____

Date: _____

