

APPENDIX O

Unanticipated Discovery of Contamination Plan

(Annex #221 - Response to Information Request #221)

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Annex #221 - Data Gap #221 Response



Sea Port Oil Terminal Project Offshore Brazoria County, Texas

RESPONSE TO DATA GAP QUESTION # 221

ANNEX 221

UNANTICIPATED DISCOVERY OF CONTAMINATION PLAN

ANNEX 221 UNANTICIPATED DISCOVERY OF CONTAMINATION PLAN

1 INTRODUCTION

SPOT Terminal Services LLC (the Applicant) has prepared this Unanticipated Discovery of Contamination (UDC) Plan for the Sea Port Oil Terminal (SPOT) Project in response to Data Gap Question #221, which reads as follows: “Provide an Unanticipated Discovery of Contamination Plan describing the procedures SPOT would employ if contaminated soils or groundwater are discovered during construction of the onshore components, including relevant agency contacts and procedures for notifying the relevant contacts. In addition, describe the procedures SPOT would employ to handle contaminated groundwater if trench dewatering is required.”

The UDC Plan provides procedures to follow in the event of UDC in soil, groundwater, or sediment when excavating during construction and/or restoration activities within Project workspaces.

The Applicant will ensure that all contractors comply with the methods outlined herein. Contractors will be trained on the requirements of this UDC Plan during pre-construction environmental training. This UDC Plan is subject to revision based on new data and agency recommendations.

If contaminated sites are identified in any Project area, a list of the sites will be kept along with notes on how the determination was made (Environmental Data Resources, Inc., property owner, agency report, etc.). An example of the site information record is included in Appendix A, “Worksheet A – Suspected Contaminated Site(s)” of this Annex.

2 UNANTICIPATED DISCOVERY RESPONSE

If unanticipated signs of contaminated soil, sediment, or groundwater are encountered during Project activities (e.g., odor, staining, sheen, drums, or other containers potentially containing contaminants), the following general procedures will be followed:

1. Construction and/or maintenance work in the immediate vicinity of areas where suspected contamination or unknown wastes are encountered will be halted pending determination of a suitable path forward under the following steps.
2. Construction, oversight, and other personnel will be evacuated to a suitable, accessible, upwind location until the types and levels of potential contamination can be assessed by qualified personnel. The assessment may include observation by a qualified health and safety professional, field screening, and/or laboratory analysis of suspect material.
3. The Chief Inspector, Environmental Inspector, and/or the Operations Manager will be notified and they will consult with the onsite Construction Project Superintendent. These contacts are provided in Table 1.
4. Following consultation with onsite personnel, the Environmental Inspector and/or the Operations Manager will be responsible for designating follow-up actions, including

- mobilizing emergency response personnel and coordinating with the U.S. Environmental Protection Agency (USEPA) via the United States Coast Guard see (Table 1, below) and/or state and local agencies, as appropriate.
5. If an immediate or imminent threat to human health exists, the Chief Inspector, Environmental Inspector, or designee will immediately call 911.
 6. For any contamination discovered, the Chief Inspector, Environmental Inspector, or designee will consult with SPOT project personnel to determine whether notifications are required to an appropriate response agency (see Table 1, below).
 7. If an immediate or imminent threat to human health or the environment does not exist or has been abated, the Environmental Inspector in coordination with the construction contractor will take steps to contain the contamination. Measures may include installing trench breakers, placing spoil on plastic sheeting, covering spoil with plastic sheeting, diverting stormwater away from the contaminated area, or other necessary steps to minimize the chance of contaminant migration. In the event that remedial action is required, it would be limited to the planned work area only and no additional disturbance will be made except as needed to facilitate construction and/or restoration activities. If remedial action is necessary, actions may include:
 - Representative samples of the suspected contaminated media (i.e., soil, water, or waste) may need to be submitted for laboratory analysis to determine waste classification and/or agency notification requirements.
 - The Chief Inspector, Environmental Inspector, and/or their designees will consult with the onsite Construction Project Superintendent for the appropriate analyses, sampling methodology, and sampling frequency.
 - If the contaminated spoil does not require offsite disposal, then the construction personnel and/or Environmental Inspector will ensure that proper containment measures are maintained until the pipeline is lowered in the trench and backfilling activities can be completed. During backfilling, the Environmental Inspector and/or the construction personnel would take reasonable steps to ensure the contaminated spoil is confined to the original area of contamination.
 - Should spoil require offsite disposal, the excavated spoil would be placed in an appropriate container to prevent the spread of contamination or generation of additional contaminated media. All containers will be labeled in accordance with regulatory requirements for waste handling and disposal.
 - Should trench dewatering be required for contaminated groundwater, then the water would be either discharged elsewhere (if allowable under applicable discharge permits) or disposed offsite. If the discharge or offsite disposal does not occur immediately at the time of dewatering, then the contaminated groundwater would be temporarily stored in frac tanks until it is ready for discharge or offsite disposal.
 8. If it is determined that disposal of any affected media (soil, water, waste) is required, the material will be characterized and properly disposed at a permitted facility in a timely manner.

**Table 1
Emergency Contacts**

| Name(s) | Job Description/Additional Details | Phone Number |
|---|-------------------------------------|----------------|
| SPOT Terminal Services, LLC | | |
| TBD | Project Manager / Chief Inspector | TBD |
| TBD | Environmental Inspector | TBD |
| TBD | Environmental Compliance Department | TBD |
| TBD | Project Safety Representative | TBD |
| TBD | Project Engineer | TBD |
| TBD | Air Quality Specialist | TBD |
| Contractor | | |
| TBD | Superintendent | TBD |
| TBD | Emergency Coordinator | TBD |
| TBD | Alternate Emergency Coordinator | TBD |
| TBD | Project Safety Representative | TBD |
| Regulatory Agencies | | |
| Texas Commission on Environmental Quality (TCEQ) / State Emergency Response Commission (SERC) | Spill-Reporting Hotline | (800) 832-8224 |
| TCEQ Regional Office | Region 12 (Houston) | (713) 767-3500 |
| U.S. Coast Guard | TBD | TBD |
| Local Emergency Responders | | |
| Emergency Medical Services | First Aid | TBD |
| Hospital | Emergency Room | TBD |
| Fire | Fire Safety | TBD |
| Police | Law Enforcement | TBD |

Appendix A

Worksheet A - Suspected Contaminated Site(s)

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Instructions: Please complete a separate sheet for each location where contamination has been noted.

I. Site Name

II. Physical Location

**III. How Contamination Was Determined
(Visual, Sampling, Smell, etc.)**