

SANTA ROSA FIRE DEPARTMENT

FIRE PREVENTION BUREAU

PLAN REVIEW CHECKLIST

July 1, 2010



PHASE II ENVIRONMENTAL SITE ASSESSMENT

Address:		Permit #:
Inspector:	Date:	Status:
Inspector:	Date:	Status:
A-Approved; AC-Approved w/comments; I-Incomplete; D-Denied		

This Checklist outlines general requirements. Information contained herein applies to typical instances and may not address all circumstances.

The Phase II ESA shall be reviewed to evaluate any recognized environmental conditions identified in a Phase I ESA to provide sufficient information regarding the nature and extent of contamination. This information shall be utilized to evaluate the results of the Phase II to protect human health, safety and the environment for all properties where proposed development is planned.

FILE REVIEW

- | | Y | N | |
|----|--------------------------|--------------------------|--|
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | PHASE I - Review conditions and conclusions from phase I ESA analysis report. |
| 2. | <input type="checkbox"/> | <input type="checkbox"/> | FEES – Permit fees entered in Permits Plus. 3 rd or greater checks require an hourly fee for the review. |

PLAN

- | | | | |
|----|--------------------------|--------------------------|---|
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | CONDITIONS – Verify plan adequately addresses the concerns identified under Phase I ESA and all fire department comments. |
| 2. | <input type="checkbox"/> | <input type="checkbox"/> | METHOD – Verify the method for conducting the site investigation is acceptable. |
| 3. | <input type="checkbox"/> | <input type="checkbox"/> | EVALUATION – Review the evaluation information gathered through the site investigation |
| 4. | <input type="checkbox"/> | <input type="checkbox"/> | REPORT – Review the written report to determine if the correct media was sampled (i.e. soil, water, vapor etc.) Determine if all reports are included. |

DATA QUALITY OBJECTIVES

- | | | | |
|----|--------------------------|--------------------------|---|
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | SAMPLE EVENT - Verify sampling events including but not limited to sample location, quantity, and analytical procedures are consistent with the identified contaminants. |
| 2. | <input type="checkbox"/> | <input type="checkbox"/> | SAMPLE DESIGN – Verify the sample design is sufficient in scope to determine the “nature and extent” of the impact and characterize all relevant and applicable exposure pathways. |
| 3. | <input type="checkbox"/> | <input type="checkbox"/> | ANALYTICALS – Verify analytical methods, detection limits, QC/QA procedures and sampling plans are included and acceptable for the contaminant(s) listed. Sampling plans that do not completely represent the site or lack sufficient data quality standards to ensure reliable results shall be deemed incomplete and returned. |

Plan Review Checklist
Phase II ESA

4. ^Y ^N **QA/QC** – Verify samples to include trip blanks, soil bore logs, laboratory QA/QC reports, and Chain of Custody documents.

SITE CHARACTERIZATION

1. **ADEQUACY** – Verify the site characterization activities are commensurate with the complexity of the site and/or release in question.
2. **REMEDIAL ACTION** – Determine if the phase II adequately and appropriately characterizes the site allowing selection and implementation of potential remedial actions. If the levels of contamination are not adequate to protect Life, Environment and/or Property remedial action must be initiated.