

Record of Modification



to the
Troy Sampling and Quality Assurance Project Plan
Field Activities

TFO - 00002

Instructions to Requester: Fax to contacts at bottom of form for review and approval.

File approved copy with Data Manager at the Troy Field Office (TFO).

Data Manager will maintain legible copies in a binder that can be accessed by TFO personnel.

If Modification is Temporary for a Single Parcel, Data Manager will scan this and place in parcel's electronic file.

Project Work Plan/QAPP (check one):

- Troy Removal Design Investigation WP/SAP
- Other (Title and approval date): _____

Site-Specific Guidance/SOP (Number and Revision No.) (check one):

- Tetra Tech Aggressive Attic Inspection SOP
- CDM-LIBBY-05, Current Revision (30-point soil sample collection)
- CDM-LIBBY-06, Current Revision (Visible Vermiculite Estimation)

Other (Title, Number/Revision): _____

Requester: Catherine LeCours

Title: Project Manager

Company: DEQ/Tetra Tech

Date: August 5, 2010

Description of Modification (attach additional sheets if necessary; state section and page numbers of each document that are affected by the proposed modification): This modification requires changes to the Removal Design Investigation (RDI) inspection procedures for the Bruce Cole property, AD-202036. This property is an approximately 37 acre parcel adjacent the Kootenai River located southeast of Troy. Tetra Tech completed an RDI inspection at the property on August 5, 2010 due to known contamination in a small barn, which is the only building located on the property. The remaining areas on the property consist almost entirely of a hay field with a small dirt road leading to the barn. Tetra Tech conducted an Environmental Resource Specialist (ERS) cleaning effort in the barn on September 3, 2009 at which time 7 bags of Zonolite were removed from the interior; however, due to the amount of contamination on the floor of the building, Tetra Tech was unable to detail clean the barn under standard ERS cleaning procedures. Because of the size of the property and the fact that the only known vermiculite is within the interior of the barn, Tetra Tech requests a modification from the standard RDI procedures by limiting the RDI to a reasonable area surrounding the barn. DEQ agrees that this modification would be prudent. In addition, during the TAPE investigation, the owner requested that Tetra Tech not sample within the hay field on the property fearing that his crop would be trampled, so a full TAPE inspection protocol could not be completed. Instead, Tetra Tech completed a limited inspection in the area around the barn. If analytical results indicate detectable Libby Amphibole (LA), a re-examination of the property may be required and areas of interest may need to be expanded.

Field logbook and page number / FSDS where Modification is documented (or attach associated correspondence): TR-0041, pages 61 through 63.

Potential Implications of Modification: The TAPE field inspection encompassed an area of 130 feet both east and west of the barn and approximately 40 feet south of the barn into the hay field. There is a slight potential that vermiculite may be unidentified in the limited use area (LUA) hayfield or the LUA overgrown areas adjacent to the Kootenai River. This potential may also exist on the specific use area (SUA) dirt road outside the inspection boundary. The property owner mows the hay field twice per year and plows the field once every 7 years.

Duration of Modification (check one):

- Temporary

Date(s): August 4, 2010 AD-202036

BD(s)- BD-202883 TT(s)- TD-22027, TD-22028, TD-22029 AND TD-22030

- Permanent (Proposed Text Modification Section) Effective Date: NA

Proposed Text Modifications in Associated Document (attach additional sheets if necessary): NA

Data Quality Indicator (circle one) – Please reference definitions on reverse side for direction on selecting data quality indicators:

Not Applicable

Reject

Low Bias

Estimate

High Bias

No Bias

Technical Review and Approval: *Catherine Helms*
(DEQ Project Manager or designate)

Date: August 11, 2010

EPA Review and Approval: _____
(USEPA RPM or designate)

Date: _____

Revised March 25, 2010

DATA QUALITY INDICATOR DEFINITIONS

Reject - Samples associated with this modification form are not useable. The conditions outlined in the modification form adversely affect the associated sample to such a degree that the data are not reliable.

Low Bias - Samples associated with this modification form are useable, but results are likely to be biased low. The conditions outlined in the modification form suggest that associated sample data are reliable, but estimated low.

Estimate - Samples associated with this modification form are useable, but results should be considered approximations. The conditions outlined in the modification form suggest that associated sample data are reliable, but estimates.

High Bias - Samples associated with this modification form are useable, but results are likely to be biased high. The conditions outlined in the modification form suggest that associated sample data are reliable, but estimated high.

No Bias - Samples associated with this modification form are useable as reported. The conditions outlined in the modification form suggest that associated sample data are reliable as reported.