

**CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES**

**SAMPLE CUSTODY LOG ENTRY FORM**

**SAMPLE IDENTIFICATION (Mandatory)** 061401-1

**SAMPLE DESIGNATION**

**DESCRIPTION OF SAMPLE (Mandatory)** Bishop Tuff, nonwelded basal bedded tuff,  
pumice clast supported; disturbed sample, known volume taken for bulk density

**REFERENCE TOP OR SCIENTIFIC NOTEBOOK ENTRY** Sci Ntbk 428, p. 47-55

**AMOUNT OF SAMPLE** nearly full 1 gallon ziplock bag **SIZE**

**DATE OF SAMPLE RECEIPT (Mandatory)** June 14, 2001

**DATE OF INITIAL LOG ENTRY (Mandatory)** 8/13/01 **BY** R. Fedors

**SAMPLE STORAGE LOCATION (Mandatory)** Bldg 51; labeled 1 gallon ziplock bag

**COLLECTION SITE (Reference Maps or Field Notes As Required)**

Southernmost sample at Horton Creek site near Bishop, CA; see Sci Ntbk #428, pages 47-55

**PERSON(S) WHO COLLECTED SAMPLE(S)** R. Fedors

**SUPPLIER**

**OTHER** Disposed on 02/18/08 - CLD

**CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES**

**SAMPLE CUSTODY LOG ENTRY FORM**

**SAMPLE IDENTIFICATION (Mandatory)** 061401-2

**SAMPLE DESIGNATION**

**DESCRIPTION OF SAMPLE (Mandatory)** Bishop Tuff, nonwelded basal bedded tuff,  
pumice clast supported; disturbed sample, known volume taken for bulk density

**REFERENCE TOP OR SCIENTIFIC NOTEBOOK ENTRY** Sci Ntbk 428, p. 47-55

**AMOUNT OF SAMPLE** nearly full 1 gallon ziplock bag **SIZE**

**DATE OF SAMPLE RECEIPT (Mandatory)** June 14, 2001

**DATE OF INITIAL LOG ENTRY (Mandatory)** 8/13/01 **BY** R. Fedors

**SAMPLE STORAGE LOCATION (Mandatory)** Bldg 51; labeled 1 gallon ziplock bag

**COLLECTION SITE (Reference Maps or Field Notes As Required)**

Northernmost sample at Horton Creek site near Bishop, CA; see Sci Ntbk #428, pages 47-55

**PERSON(S) WHO COLLECTED SAMPLE(S)** R. Fedors

**SUPPLIER**

**OTHER** disposed on 02/18/08 - CLD

**CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES**

**SAMPLE CUSTODY LOG ENTRY FORM**

**SAMPLE IDENTIFICATION (Mandatory)** 061401-3

**SAMPLE DESIGNATION**

**DESCRIPTION OF SAMPLE (Mandatory)** Bishop Tuff, nonwelded ignimbrite tuff,  
unoriented, "undisturbed," sample block taken for bulk density estimate

**REFERENCE TOP OR SCIENTIFIC NOTEBOOK ENTRY** Sci Ntbk 428, p. 47-55

**AMOUNT OF SAMPLE** *irregular-shaped chunk* **SIZE** *3" x 4" x 6"*

**DATE OF SAMPLE RECEIPT (Mandatory)** June 14, 2001

**DATE OF INITIAL LOG ENTRY (Mandatory)** 8/13/01 **BY** R. Fedors

**SAMPLE STORAGE LOCATION (Mandatory)** Bldg 51; plastic wrap & duct tape, labeled on tape

**COLLECTION SITE (Reference Maps or Field Notes As Required)**

Alcove area of Borrow Pit near mouth of Fish Slough north of Bishop, CA; see Sci Ntbk #428, pages 47-55

**PERSON(S) WHO COLLECTED SAMPLE(S)** R. Fedors

**SUPPLIER**

**OTHER** *disposed on 02/18/08 -CLD*

CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

SAMPLE CUSTODY LOG ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) 061401-4

SAMPLE DESIGNATION

DESCRIPTION OF SAMPLE (Mandatory) Bishop Tuff, nonwelded ignimbrite tuff,  
unoriented, "undisturbed," sample block taken for bulk density estimate

REFERENCE TOP OR SCIENTIFIC NOTEBOOK ENTRY Sci Ntbk 428, p. 47-55

AMOUNT OF SAMPLE *irregular-shaped chunk* SIZE *3" x 3 1/2" x 7"*

DATE OF SAMPLE RECEIPT (Mandatory) June 14, 2001

DATE OF INITIAL LOG ENTRY (Mandatory) 8/13/01 BY R. Fedors

SAMPLE STORAGE LOCATION (Mandatory) Bldg 51; plastic wrap & duct tape, labeled on tape

COLLECTION SITE (Reference Maps or Field Notes As Required)

Alcove area of Borrow Pit near mouth of Fish Slough north of Bishop, CA; see Sci Ntbk #428, pages 47-55

PERSON(S) WHO COLLECTED SAMPLE(S) R. Fedors

SUPPLIER

OTHER *this sample not found. 02/18/08 - CLD*  
*Found and disposed 4/8/08 - AW*

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CCHW1.GP1/2

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California for estimating field bulk density.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury, sci ntbk #515, page 34  
(pages 60-61 of yellow field notebook taped onto page 34 of sci ntbk #515)

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE 6.0cm x 4.5cm x 3.5 cm

DATE OF SAMPLE RECEIPT (Mandatory): June 26, 2002

DATE OF LOG ENTRY: August 12, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

## COLLECTION SITE:

Chalk Cove area, lower fault transect, which is called CCHW1 (0-3m)

155 cm north of 142.5 cm location along CCHW1 transect line

Supplier:

Other: *this sample not found, 02/18/08 -CLD*

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CCHW1-GP4

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California. Volume-sample was sealed and wrapped intact (hopefully) to measure volume in lab to get field bulk density.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury sci ntbk #515, page 34  
(pages 60-61 of yellow field notebook taped onto page 34 of sci ntbk #515)

AMOUNT OF SAMPLE                                  SIZE                  128 cm<sup>3</sup> (estimated in lab by submersion)

DATE OF SAMPLE RECEIPT (Mandatory): June 26, 2002

DATE OF LOG ENTRY: August 12, 2002                                  BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

### COLLECTION SITE:

Chalk Cove area, lower fault transect, which is called CCHW1 (3-6m)

2 cm north of CCHW1 transect line distance of 547.5 cm

Supplier:

Other: *disposed on 02/14/08 - CLD*

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CCHW1.GP5

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California for estimating field bulk density.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury sci ntbk #515, page 34  
(pages 60-61 of yellow field notebook taped onto page 34 of sci ntbk #515)

AMOUNT OF SAMPLE SIZE 13.0cm x 9.0cm x 3.5 cm

DATE OF SAMPLE RECEIPT (Mandatory): June 26, 2002

DATE OF LOG ENTRY: August 12, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

## COLLECTION SITE:

Chalk Cove area, lower fault transect, which is called CCHW1 (0-3m)

location: 20 cm south of CCHW1 transect line distance of 215 cm

Supplier:

Other: not found on 02/18/08 -CLD

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CC2.GP1

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California for estimating field bulk density.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury sci ntbk #515, page 35  
(pages 62 of yellow field notebook taped onto page 35 of sci ntbk #515)

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE 4.5cm x 3.5cm x 9.0 cm

DATE OF SAMPLE RECEIPT (Mandatory): June 26, 2002

DATE OF LOG ENTRY: August 12, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

## COLLECTION SITE:

Chalk Cove area, upper fault transect, which is called CC2  
near 100-cm location along CC2 transect

Supplier:

Other: Sample not found 02/18/08 -CLD



# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CC2.GP2

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near  
Bishop, California for estimating field bulk density.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury sci ntbk #515, page 35  
(pages 62 of yellow field notebook taped onto page 35 of sci ntbk #515)

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE 9.0cm x 6.0cm x 7.0 cm

DATE OF SAMPLE RECEIPT (Mandatory): June 26, 2002

DATE OF LOG ENTRY: August 12, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

## COLLECTION SITE:

Chalk Cove area, upper fault transect, which is called CC2

1.26 m north of transect, corresponding to the 200-cm location along CC2 transect

Supplier:

Other: Sample not found 02/18/02 - CLD

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CC2.GP3

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California for estimating field bulk density.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury sci ntbk #515, page 35  
(pages 62 of yellow field notebook taped onto page 35 of sci ntbk #515)

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE 6.0cm x 9.0cm x 6.5 cm

DATE OF SAMPLE RECEIPT (Mandatory): June 26, 2002

DATE OF LOG ENTRY: August 12, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

## COLLECTION SITE:

Chalk Cove area, upper fault transect, which is called CC2  
near 350-cm location along CC2 transect

Supplier:

Other: *sample not found 02/18/08 -CLD*

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CCHW1.GP6

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California for estimating field bulk density or water content.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury, sci ntbk #515, page 81

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE Small chunks wrapped in duct tape

DATE OF SAMPLE RECEIPT (Mandatory): September 18, 2002

DATE OF LOG ENTRY: October 10, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

## COLLECTION SITE:

Chalk Cove area, lower fault transect, which is called CCHW1 (0-3m)

Approximately 20 cm north of air permeameter site 240 (240-cm location along CCHW1 transect line)

Supplier:

Other: disposed on 02/12/08 -CLD

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CCHW1.GP7

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near  
Bishop, California for estimating field bulk density or water content.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury, sci ntbk #515, page 81

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE Small chunks wrapped in duct tape

DATE OF SAMPLE RECEIPT (Mandatory): September 18, 2002

DATE OF LOG ENTRY: October 10, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

## COLLECTION SITE:

Chalk Cove area, lower fault transect, which is called CCHW1 (0-3m)

Approx 20 cm south of transect line at ~185-cm location (between air permeameter sites 180 and 190)

Supplier:

Other: disposed on 02/18/08

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CCHW1.GP8

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California for estimating field bulk density or water content.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury, sci ntbk #515, page 81

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE Small chunks wrapped in duct tape

DATE OF SAMPLE RECEIPT (Mandatory): September 18, 2002

DATE OF LOG ENTRY: October 10, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

### COLLECTION SITE:

Chalk Cove area, lower fault transect, which is called CCHW1 (0-3m)

Approximately 30 cm north of air permeameter site 320 (320-cm location along CCHW1 transect line)

Supplier:

Other: *disposed on 02/18/08 -CLD*

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CC3.GP1

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California for estimating field bulk density or water content.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury, sci ntbk #515, page 81

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE Small chunks wrapped in duct tape

DATE OF SAMPLE RECEIPT (Mandatory): September 18, 2002

DATE OF LOG ENTRY: October 10, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

### COLLECTION SITE:

Chalk Cove area, upper fault transect, which is called CC3

Approximately 80 cm north of air permeameter site 280 on CC3 transect

(280-cm location along CC3 transect line)

or 220 cm north of transect baseline

Supplier:

Other: disposed on 02/18/08 -CLD

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CC3.GP2

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California for estimating field bulk density or water content.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury, sci ntbk #515, page 81

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE Small chunks wrapped in duct tape

DATE OF SAMPLE RECEIPT (Mandatory): September 18, 2002

DATE OF LOG ENTRY: October 10, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

## COLLECTION SITE:

Chalk Cove area, upper fault transect, which is called CC3

Approximately 215 cm north of the 190-cm location on the CC3 transect

Supplier:

Other: disposed on 02/18/08 -CLD

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CC3.GP3

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California for estimating field bulk density or water content.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury, sci ntbk #515, page 81

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE Small chunks wrapped in duct tape

DATE OF SAMPLE RECEIPT (Mandatory): September 18, 2002

DATE OF LOG ENTRY: October 10, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

## COLLECTION SITE:

Chalk Cove area, upper fault transect, which is called CC3

Approximately 50 cm north of 165-cm location on CC3 transect

(between the 160-cm and 170-cm locations along CC3 transect line)

Supplier:

Other: *disposed on 02/18/08 -CLD*



# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CC3.GP4

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near  
Bishop, California for estimating field bulk density or water content.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury, sci ntbk #515, page 80

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE Small chunks wrapped in duct tape

DATE OF SAMPLE RECEIPT (Mandatory): September 18, 2002

DATE OF LOG ENTRY: October 10, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

## COLLECTION SITE:

Chalk Cove area, upper fault transect, which is called CC3

Approximately 125 cm north of 115-cm location of CC3 transect

(between 110-cm and 120-cm locations along CC3 transect line)

Supplier:

Other: disposed on 02/18/08 --CLD

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CC3.GP5

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California for estimating field bulk density or water content.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury, sci ntbk #515, page 80

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE Small chunks wrapped in duct tape

DATE OF SAMPLE RECEIPT (Mandatory): September 18, 2002

DATE OF LOG ENTRY: October 10, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

## COLLECTION SITE:

Chalk Cove area, upper fault transect, which is called CC3

Approximately 225 cm north of 50-cm location of CC3 transect

Supplier:

Other: *disposed on 02/18/08 -CLW*

# SAMPLE CUSTODY ENTRY FORM

SAMPLE IDENTIFICATION (Mandatory) CC3.GP6

SAMPLE  
DESIGNATOR \_\_\_\_\_

DESCRIPTION OF SAMPLE (Mandatory): Nonwelded tuff collected from basal portion Bishop Tuff near Bishop, California for estimating field bulk density or water content.

REFERENCE SCIENTIFIC NOTEBOOK ENTRY: Collected by Bradbury, sci ntbk #515, page 80

AMOUNT OF SAMPLE \_\_\_\_\_ SIZE Small chunks wrapped in duct tape

DATE OF SAMPLE RECEIPT (Mandatory): September 18, 2002

DATE OF LOG ENTRY: October 10, 2002 BY: R. Fedors  
(Mandatory)

SAMPLE STORAGE LOCATION (Mandatory): Building 51 laboratory

### COLLECTION SITE:

Chalk Cove area, upper fault transect, which is called CC3

Approximately 235 cm north of 20-cm location of CC3 transect

Supplier:

Other: *disposed on 02/18/08*