

APPENDIX G
USABILITY REPORTS

Attachment 1

BROOKHAVEN NATIONAL LABORATORY

Data Usability Summary Report

Project:	OU3 WSB
Sampling Contractor:	EPD Field Sampling Team
Analytical Laboratory:	Test America
Analytical Method:	524
Sample Delivery Group:	34499
COC No. / Sample IDs:	34499-002 (119-05)
Date Sampled:	4/3/2014
Parameter(s):	Tritium

<i>SAMPLE ID</i>	<i>DATA USABILITY QUALIFIERS</i>	<i>EXPLANATION FOR QUALIFIERS</i>
002	J-N2	Since the detection limit plus the error is greater than the value, there is evidence that the result may be a false positive. This combined with historic data results in a qualification of J-N2.

Summary:

Reviewed by: John Burke
Subject Matter Expert

Date: 5/7/15

Reviewed by: _____
Project Manager

Date: _____

Attachment 1

BROOKHAVEN NATIONAL LABORATORY

Data Usability Summary Report

Project:	Sitewide HFBR
Sampling Contractor:	R&C
Analytical Laboratory:	Test America
Analytical Method:	905
Sample Delivery Group:	J9119-1
COC No. / Sample IDs:	35103-003
Date Sampled:	10/3/2014
Parameter(s):	Sr-90

<i>SAMPLE ID</i>	<i>DATA USABILITY QUALIFIERS</i>	<i>EXPLANATION FOR QUALIFIERS</i>
003	R	The original sample result of 17 pCi/L could not be repeated upon reanalysis. The reanalysis result was 97 pCi/L. A subsequent sampling result was a non-detect for Sr-90. Since the well is historically non-detect, is screened approximately 30 feet below the lower limits of the plume, as determined by recent Geoprobe near this location, and the original sample results can not be duplicated, this result has been rejected.

Summary:

Reviewed by: John Burke
Subject Matter Expert

Date: 12/9/14

Reviewed by: _____
Project Manager

Date: _____

Attachment 1

BROOKHAVEN NATIONAL LABORATORY

Data Usability Summary Report

Project:	OU3 WSP&T
Sampling Contractor:	EPD Field Sampling Team
Analytical Laboratory:	Test America
Analytical Method:	906
Sample Delivery Group:	J9119-1
COC No. / Sample IDs:	35285-002
Date Sampled:	10/27/2014
Parameter(s):	Tritium

<i>SAMPLE ID</i>	<i>DATA USABILITY QUALIFIERS</i>	<i>EXPLANATION FOR QUALIFIERS</i>
002	UJ-N2	Since the detection limit plus the error is greater than the value, there is evidence that the result may be a false positive. This combined with the case narrative stating potential contamination of the instrument results in a qualification of UJ-N2.

Summary:

Reviewed by: John Burke
Subject Matter Expert

Date: 12/9/14

Reviewed by: _____
Project Manager

Date: _____

Attachment 1

BROOKHAVEN NATIONAL LABORATORY

Data Usability Summary Report

Project:	OU3 APT
Sampling Contractor:	EPD Field Sampling Team
Analytical Laboratory:	Test America
Analytical Method:	524
Sample Delivery Group:	160-9912-1
COC No. / Sample IDs:	35308-013, 014 800-101, 800-102
Date Sampled:	12/17/2014
Parameter(s):	Tritium

<i>SAMPLE ID</i>	<i>DATA USABILITY QUALIFIERS</i>	<i>EXPLANATION FOR QUALIFIERS</i>
013, 014	Switched samples	Based on historic data, the results for samples 800-101 and 800-102 were switched. The results have been corrected in the database.

Summary:

Reviewed by: John Burke
Subject Matter Expert

Date: 12/31/14

Reviewed by: _____
Project Manager

Date: _____

Attachment 1

BROOKHAVEN NATIONAL LABORATORY

Data Usability Summary Report

Project:	OU3 WSB
Sampling Contractor:	EPD Field Sampling Team
Analytical Laboratory:	Test America
Analytical Method:	524
Sample Delivery Group:	35379
COC No. / Sample IDs:	35379-002 (119-05)
Date Sampled:	11/4/2014
Parameter(s):	Tritium

<i>SAMPLE ID</i>	<i>DATA USABILITY QUALIFIERS</i>	<i>EXPLANATION FOR QUALIFIERS</i>
002	J-N2	Since the detection limit plus the error is greater than the value, there is evidence that the result may be a false positive. This combined with historic data results in a qualification of J-N2.

Summary:

Reviewed by: John Burke
Subject Matter Expert

Date: 5/7/15

Reviewed by: _____
Project Manager

Date: _____